

# Data and Biospecimen Use and Publications Committee

## **BASELINE CODEBOOK FOR SCCS DATA**

**Updated September 2017** 

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### **Administrative variables**

Variable Name	Question and Coding	Comments
IDNumber	Randomly assigned ID number. This number is generated uniquely for each data	
	request.	
QuestionnaireVersion	Instrument Version Number	Some questions may
	CAPI Version used for CHC interview.	have been worded
	7777 = Not applicable	differently or have
		different acceptable
		answers depending on
		CAPI version number.
		CAPI versions begin with
		1.00. CHC participants
		only
Enrollment_Source	Participant Enrollment Method	
	C = CHC in-person interview	
	M = General population mailed survey	
	T = General population telephone interview	
Enrollment_Year	Year of SCCS Enrollment	
	Numeric value (integer) from 2002 to 2009	
InterviewerID	Interviewer ID	CHC participants only
	Numeric identifier for clinic interviewer responsible for enrollment	
	7777 = Not applicable	
CHCID	Numeric identifier for clinic at which participant was enrolled	CHC participants only
	Numeric value from 1 to 72	
	7777 = Not applicable	

#### **Demographic variables**

Variable Name	Question and Coding	Comments
Enrollment_Age	Age at interview (years)	
	Numeric value (integer) from 40 to 79	
Enrollment_AgeMonths	Age at interview (months)	
	Numeric value (integer), rounded to the nearest month	
Sex	What is the participant's gender?	
	M = Male	
	F = Female	
RaceAnalysis	Analysis variable to use for race	
	1 = White (only)	
	2 = Black/African-American (only)	
	3 = Hispanic/Latino (any)	
	4 = Asian or Pacific Islander (only)	
	5 = American Indian or Alaska Native (only)	
	6 = Other racial or ethnic group (only)	
	7 = Mixed race (excluding Hispanic/Latino)	
	8888 = Refuse	
	9999 = Don't know	
RaceWhite	Did the participant report "White" as all or part of his/her racial or ethnic background?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
RaceBlack	Did the participant report "Black/African American" as all or part of his/her racial or	
	ethnic background?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
RaceHispanic	Did the participant report "Hispanic/Latino" as all or part of his/her racial or ethnic	
	background?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
RaceAsian	Did the participant report "Asian or Pacific Islander" as all or part of his/her racial or	
	ethnic background?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
RaceAIAN	Did the participant report "American Indian or Alaska Native" as all or part of his/her	
	racial or ethnic background?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
RaceOther	Did the participant report "Other racial or ethnic group" as all or part of his/her racial or	
	ethnic background?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
Education	What is the highest grade or level of education you have completed?	
	1 = Less than 9 years	
	2 = 9-11 years	
	3 = 12 years, completed high school, or GED	
	4 = Vocational, technical, or business training	
	5 = Some college or junior college	
	6 = Graduated from college	
	7 = Graduate school (up to and including a Master's degree)	
	8 = Graduate school beyond a Master's degree (include doctors, dentists, lawyers, PhDs)	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
HHIncome	Which of the following describes your total household income last year?	
	1 = Less than \$15,000	
	2 = At least \$15,000 but less than \$25,000	
	3 = At least \$25,000 but less than \$50,000	
	4 = At least \$50,000 but less than \$100,000	
	5 = \$100,000 or more	
	8888 = Refuse	
	9999 = Don't know	
MaritalStatus	Which of the following describes your current marital status?	
	1 = Married, or living as married with a partner	
	2 = Separated or divorced	
	3 = Widowed	
	4 = Single, never been married	
	8888 = Refuse	
	9999 = Don't know	
HHSize	How many people live in your household now, including yourself?	
	Numeric value from 1 to 30	
	8888 = Refuse	
	9999 = Don't know	
USABorn	Where were you born?	
	1 = In the USA	
	2 = Outside the USA	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding			Comments
StateofBirth	In which US state were you	born?		
	AL = Alabama	LA = Louisiana	OR = Oregon	
	AK = Alaska	ME = Maine	PA = Pennsylvania	
	AZ = Arizona	MD = Maryland	PR = Puerto Rico	
	AR = Arkansas	MA = Massachusetts	RI = Rhode Island	
	CA = California	MI = Michigan	SC = South Carolina	
	CO = Colorado	MN = Minnesota	SD = South Dakota	
	CT = Connecticut	MS = Mississippi	TN = Tennessee	
	DE = Delaware	MO = Missouri	TX = Texas	
	DC = District of Columbia	MT = Montana	UT = Utah	
	(Washington, DC)	NE = Nebraska	VT = Vermont	
	FL = Florida	NV = Nevada	VA = Virginia	
	GA = Georgia	NH = New Hampshire	WA = Washington	
	HI = Hawaii	NJ = New Jersey	WV = West Virginia	
	ID = Idaho	NM = New Mexico	WI = Wisconsin	
	IL = Illinois	NY = New York	WY = Wyoming	
	IN = Indiana	NC = North Carolina	7777 = Not applicable	
	IA = Iowa	ND = North Dakota	8888 = Refuse	
	KS = Kansas	OH = Ohio	9999 = Don't know	
	KY = Kentucky	OK = Oklahoma		
RuralOrFarm	Have you ever lived in a rura	al or farming community or or	a farm?	
	0 = No			
	1 = Yes			
	8888 = Refuse			
	9999 = Don't know			
RuralOrFarm_Yrs	For how many years did you	ı live in a rural or farming com	munity, or on a farm?	
	Numeric value (years) from	0.5 to 79		
	0.5 = Less than one year			
	7777 = Not applicable			
	8888 = Refuse			
	9999 = Don't know			
FullBrothers	How many full brothers do	you have (including any that h	ave died)?	
	Numeric value from 0 to 12			
	8888 = Refuse			
	9999 = Don't know			

Variable Name	Question and Coding	Comments
FullSisters	How many full sisters do you have (including any that have died)?	
	Numeric value from 0 to 12	
	8888 = Refuse	
	9999 = Don't know	
MultipleBirth	Are you a twin or triplet (or quadruplet, etc.)?	
	0= No	
	1= Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
CurrentHome_Yrs	How many years have you lived in your current home?	
_	Numeric value (years) from 0.5 to 79	
	0.5 = Less than one year	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
AirQualityOutside	How would you describe the outdoor air quality around your home?	
	1 = Poor	
	2 = Fair	
	3 = Good	
	4 = Excellent	
	8888 = Refuse	
	9999 = Don't know	
AirQualityInside	How would you describe the indoor air quality in your home?	
	1 = Poor	
	2 = Fair	
	3 = Good	
	4 = Excellent	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
CellPhoneHrsPerWk	How many hours per week do you spend talking on a cellular phone?	Prior to CAPI version
	Numeric value (hours) from from 0.5 to 84	1.05, range extended
	0.5 = Less than one hour	to 50. The range
	8888 = Refuse	increased to 84 in CAPI
	9999 = Don't know	versions 1.05 and
		higher.

#### **Anthropometric variables**

Variable Name	Question and Coding	Comments
Weight_lbs	How much do you weigh?	Some participants have
	Numeric value (pounds) from 50 to 500	a measured weight
	8888 = Refuse	instead of a self-
	9999 = Don't know	reported weight. See
		WeightMeas_flag.
WeightMeas_flag	Flag indicating whether Weight_lbs was self-reported by the participant or measured.	
	0 = self-reported	
	1 = measured	
WeightAt21_lbs	What was your weight at age 21?	
	Numeric value (pounds) from 50 to 500.	
	8888 = Refuse	
	9999 = Don't know	
MostWeight_lbs	What is the most you have ever weighed?	
	Numeric value (pounds) from 50 to 500	
	8888 = Refuse	
	9999 = Don't know	
Weight_kg	Weight_lbs converted to kilograms	
	8888 = Refuse	
	9999 = Don't know	
WeightAt21_kg	WeightAt21_lbs converted to kilograms	
	8888 = Refuse	
	9999 = Don't know	
MostWeight_kg	MostWeight_lbs converted to kilograms	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Height_inch	How tall are you?	Some participants have
	Numeric value (inches) from 36 to 95	a measured height
	8888 = Refuse	(measured in
	9999 = Don't know	centimeters and
		converted to inches)
		instead of self-reported
		height. See
		HeightMeas_flag.
HeightMeas_flag	Flag indicating whether Height_inch was self-reported by the participant or measured.	
	0 = self-reported	
	1 = measured	
Height_cm	Height_inch converted to centimeters	No conversion necessary
	8888 = Refuse	for participants with
	9999 = Don't know	measured height.
BMI	Body Mass Index	
	Calculated from height and weight	
BMI_flag	Flag indicating whether height and weight components were self-reported or	
	measured.	
	0 = both components self-reported	
	1 = both components were measured	
	2 = measured height and self-reported weight	
	3 = self-reported height and measured weight	
BMICat	Body Mass Index categories	
	1 = < 18.5	
	2 = 18.5 - < 25.0	
	3 = 25.0 - < 30.0	
	4 = 30.0 - < 35.0	
	5 = 35.0 - < 40.0	
	6 = 40+	
BMIAt21	Body Mass Index at age 21	
	Calculated from height and self-reported weight at age 21	

Variable Name	Question and Coding	Comments
BMIAt21Cat	Body Mass Index at 21 categories	
	1 = < 18.5	
	2 = 18.5 - < 25.0	
	3 = 25.0 - < 30.0	
	4 = 30.0 - < 35.0	
	5 = 35.0 - < 40.0	
	6 = 40+	
BMIMostWeight	Body Mass Index at most weight	
	Calculated from height and self-reported most weight	
BMIMostWeightCat	Body Mass Index at most weight categories	
	1 = < 18.5	
	2 = 18.5 - < 25.0	
	3 = 25.0 - < 30.0	
	4 = 30.0 - < 35.0	
	5 = 35.0 - < 40.0	
	6 = 40+	
WaistCircum_cm	Waist circumference measured in centimeters	CHC participants only
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
WaistCircum_inch	WaistCircum_cm converted to inches	CHC participants only
	777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
HipCircum_cm	Hip circumference measured in centimeters	CHC participants only
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
HipCircum_inch	HipCircum_cm converted to inches	CHC participants only
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

#### **Tobacco exposure**

Variable Name	Question and Coding	Comments
ETS_Home	Whether or not you smoke, about how many hours per week are you around the	Prior to CAPI version
	cigarette smoke of other people in your home?	1.05, range extended to
	Numeric value from 0 to 168	100. The range
	8888 = Refuse	increased to 168 in CAPI
	9999 = Don't know	versions 1.05 and
		higher.
ETS_Other	Whether or not you smoke, about how many hours per week are you around the	Prior to CAPI version
	cigarette smoke of other people in other indoor places, including work?	1.05, range extended to
	Numeric value from 0 to 168	100. The range
	8888 = Refuse	increased to 168 in CAPI
	9999 = Don't know	versions 1.05 and
		higher.
ETS_Total	The sum of ETS_Home and ETS_Other. If the combined values are > 168, or both of the	
	ETS_Home and ETS_Other values are 8888 or 9999, then ETS_Total is missing.	
EverSmoker	Have you smoked at least 100 cigarettes in your entire life?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
AgeStartSmoking	At what age did you start to smoke?	
	Numeric value (years) from 5 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
SmokeNow	Do you smoke cigarettes now?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	

Variable Name	Question and Coding	Comments
AgeQuitSmoking	At what age did you quit?	
	Numeric value (years) from 5 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
CigsPerDay	What is the average number of cigarettes that you smoke/used to smoke in one day?	
	Numeric value from 0.5 to 200	
	0.5 = Less than one per day	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Menthol	Are/Were the cigarettes you smoke/smoked menthol?	If participant smoked
	0 = No	both menthol and non-
	1 = Yes	menthol cigarettes,
	7777 = Not applicable	answer yes if participant
	8888 = Refuse	smoked more of
	9999 = Don't know	menthol cigarettes than
		non-menthol cigarettes.
SmokingStatus	Cigarette smoking status	
	1=Current	
	2=Former	
	3=Never	
	7777 = Not applicable	
PackYears	PackYears of cigarette smoking (packs per day x years smoked)	
	PackYears are calculated for ½ year if participant started and stopped smoking in the	
	same year.	
	7777 = Not applicable	
EverCigar	In your entire life, have you smoked at least 20 cigars?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
CurrCigar	Do you still smoke cigars?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
CigarsPerDay	How many cigars per day do you smoke?	
	Numeric value from 0.5 to 20	
	0.5 = Less than one per day	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
CigarYears	For how many years have you smoked cigars?	
	Numeric value from 0.5 to 75	
	0.5 = Less than one year	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
EverPipe	In your entire life, have you smoked at least 20 pipefulls of tobacco?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
CurrPipe	Do you still smoke pipes?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
PipesPerDay	How many pipefulls of tobacco per day do you smoke?	
	Numeric value from 0.5 to 20	
	0.5 = Less than one per day	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
PipeYears	For how many years have you smoked a pipe?	
	Numeric value from 0.5 to 75	
	0.5 = Less than one year	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
EverChew	In your entire life, have you used at least one bag of chewing tobacco?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
CurrChew	Do you still use chewing tobacco?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
ChewPerDay	How many plugs of chewing tobacco per day do you use?	
	Numeric value from 0.5 to 20	
	0.5 = Less than one per day	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
ChewYears	For how many years have you chewed tobacco?	
	Numeric value from 0.5 to 75	
	0.5 = Less than one year	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
EverSnuff	In your entire life, have you used at least one can of snuff?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
CurrSnuff	Do you still use snuff?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
SnuffPerDay	How many dips of snuff per day do you use?	
	Numeric value from 0.5 to 20	
	0.5 = Less than one per day	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
SnuffYears	For how many years have you used snuff?	
	Numeric value from 0.5 to 75	
	0.5 = Less than one year	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

#### **Personal medical history**

Variable Name	Question and Coding	Comments
Antibiotics_PastYr	How many times have you filled a prescription for antibiotics for yourself in the	
	past year?	
	Numeric value from 0 to 100	
	8888 = Refuse	
	9999 = Don't know	
Hypertension	Has a doctor ever told you that you have had high blood pressure?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
Hypertension_AFD	What was your age at your first diagnosis of high blood pressure?	
	Numeric value from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Hypertension medications were added to the baseline questionnaire beginning with CAPI version (QuestionnaireVersion) 1.11. All analyses of these medications will need to be restricted to CHC participants who enrolled using QuestionnaireVersion 1.11 or later. No restrictions are necessary for General Population Mail and Telephone participants. New medications were added to later CAPI versions when they were introduced to the market or grew in popularity; these variables will be coded as "7777 = Not applicable" for participants enrolled using earlier versions. Due to the ability to specify any hypertension medication on the mailed survey, some medications are applicable only to Mail participants.

<u>'</u>		
Hypertension_Med	Are you currently taking any prescription medication to lower your blood	This question was added
	pressure?	beginning with CAPI
	0 = No	version 1.11.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Hypertension_Med_N	Number of high blood pressure medications participant reported taking. This	This question was added
	variable was set to 0 for participants who answered the individual medication	beginning with CAPI
	questions with "Refuse" or "Don't Know".	version 1.11.
	Numeric value from 0 to 10	
	7777 = Not applicable	

Variable Name	Question and Coding	Comments
Accupril	Did the participant report taking Accupril?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Accuretic	Did the participant report taking Accuretic?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Acebutolol	Did the participant report taking Acebutolol?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Aceon	Did the participant report taking Aceon?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Adalat	Did the participant report taking Adalat?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Afeditab	Did the participant report taking Afeditab?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.15.
	8888 = Refuse	
	9999 = Don't know	
Aldactone	Did the participant report taking Aldactone?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Aldoclor	Did the participant report taking Aldoclor?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Aldomet	Did the participant report taking Aldomet?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Aldoril	Did the participant report taking Aldoril?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Altace	Did the participant report taking Altace?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Amiloride	Did the participant report taking Amiloride?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Apresoline	Did the participant report taking Apresoline?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.15.
	8888 = Refuse	
	9999 = Don't know	
Atacand	Did the participant report taking Atacand?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Atenolol	Did the participant report taking Atenolol?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Atenolol_Chlorthalidone	Did the participant report taking an Atenolol and Chlorthalidone combination?  0 = No	For hypertension; Mail participants only.
	1 = Yes	, ,
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Avalide	Did the participant report taking Avalide?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Avapro	Did the participant report taking Avapro?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Benazepril	Did the participant report taking Benazepril?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Benicar	Did the participant report taking Benicar?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.12.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
BenicarHCT	Did the participant report taking Benicar HCT?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.12.
	8888 = Refuse	
	9999 = Don't know	
Betapace	Did the participant report taking Betapace?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Bisoprolol	Did the participant report taking Bisoprolol?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Bisoprolol_HCT	Did the participant report taking a Bisoprolol and Hydrochlorothiazide	For hypertension; Mail
	combination?	participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Blocadren	Did the participant report taking Blocadren?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Bumetanide	Did the participant report taking Bumetanide?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Bumex	Did the participant report taking Bumex?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Hypertension_Caduet	Did the participant report taking Caduet?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.14.
	8888 = Refuse	
	9999 = Don't know	
Calan	Did the participant report taking Calan?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Capoten	Did the participant report taking Capoten?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Captopril	Did the participant report taking Captopril?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Cardizem	Did the participant report taking Cardizem?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Cardura	Did the participant report taking Cardura?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Cartia	Did the participant report taking Cartia?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.15.
	8888 = Refuse	
	9999 = Don't know	
Cartrol	Did the participant report taking Cartrol?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Catapres	Did the participant report taking Catapres?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Chlorthalidone	Did the participant report taking Chlorthalidone?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Clonidine	Did the participant report taking Clonidine?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Clorpres	Did the participant report taking Clorpres?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Combipres	Did the participant report taking Combipres?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Coreg	Did the participant report taking Coreg?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Corgard	Did the participant report taking Corgard?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Corzide	Did the participant report taking Corzide?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Covera	Did the participant report taking Covera?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.15.
	8888 = Refuse	
	9999 = Don't know	
Cozaar	Did the participant report taking Cozaar?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Dilacor	Did the participant report taking Dilacor?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Diltiazem	Did the participant report taking Diltiazem HCI?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Diovan	Did the participant report taking Diovan?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
DiovanHCT	Did the participant report taking Diovan HCT?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Diuril	Did the participant report taking Diuril?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Doxazosin	Did the participant report taking Doxazosin?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Dyazide	Did the participant report taking Dyazide?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.12.
	8888 = Refuse	
	9999 = Don't know	
Dynacirc	Did the participant report taking Dynacirc?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.15.
	8888 = Refuse	
	9999 = Don't know	
Dyrenium	Did the participant report taking Dyrenium?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.12.
	8888 = Refuse	
	9999 = Don't know	
Enalapril	Did the participant report taking Enalapril?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Enalapril_HCT	Did the participant report taking an Enalapril and Hydrochlorothiazide	For hypertension; Mail
	combination?	participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Esidrix	Did the participant report taking Esidrix?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Felodipine	Did the participant report taking Felodipine?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fosinopril	Did the participant report taking Fosinopril?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Furosemide	Did the participant report taking Furosemide?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Guanfacine	Did the participant report taking Guanfacine?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Hydralazine	Did the participant report taking Hydralazine?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
HCT	Did the participant report taking Hydrochlorothiazide (HCT)?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
HCT_Benazepril	Did the participant report taking a Hydrochlorothiazide and Benazepril	For hypertension; Mail
	combination?	participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
HCT_Lisinopril	Did the participant report taking a Hydrochlorothiazide and Lisinopril	For hypertension; Mail
	combination?	participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
HCT_Triamterene	Did the participant report taking a Hydrochlorothiazide and Triamterene	For hypertension; Mail
	combination?	participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Hydrodiuril	Did the participant report taking Hydrodiuril?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Hygroton	Did the participant report taking Hygroton?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Hytrin	Did the participant report taking Hytrin?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Hyzaar	Did the participant report taking Hyzaar?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Indapamide	Did the participant report taking Indapamide?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Inderal	Did the participant report taking Inderal?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Inderide	Did the participant report taking Inderide?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
InnopranXL	Did the participant report taking Innopran XL?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Inspra	Did the participant report taking Inspra?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.13.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Isoptin	Did the participant report taking Isoptin?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Kerlone	Did the participant report taking Kerlone?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Labetalol	Did the participant report taking Labetalol HCI?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Lasix	Did the participant report taking Lasix?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Lexxel	Did the participant report taking Lexxel?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Lisinopril	Did the participant report taking Lisinopril?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Lopressor	Did the participant report taking Lopressor?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Losartan	Did the participant report taking Losartan?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Lotensin	Did the participant report taking Lotensin?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
LotensinHCT	Did the participant report taking Lotensin HCT?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Lotrel	Did the participant report taking Lotrel?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Lozol	Did the participant report taking Lozol?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Mavik	Did the participant report taking Mavik?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Maxzide	Did the participant report taking Maxzide or Maxzide-25?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.12.
	8888 = Refuse	
	9999 = Don't know	
Methyldopa_HCT	Did the participant report taking a Methyldopa and Hydrochlorothiazide	For hypertension; Mail
–	combination?	participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Metoprolol	Did the participant report taking Metoprolol?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Micardis	Did the participant report taking Micardis?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Microzide	Did the participant report taking Microzide?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Midamor	Did the participant report taking Midamor?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Minipress	Did the participant report taking Minipress?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Minizide	Did the participant report taking Minizide?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Monopril	Did the participant report taking Monopril?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Nadolol	Did the participant report taking Nadolol?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Nifediac	Did the participant report taking Nifediac?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.15.
	8888 = Refuse	
	9999 = Don't know	
Nifedipine	Did the participant report taking Nifedipine?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Nimotop	Did the participant report taking Nimotop?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Normodyne	Did the participant report taking Normodyne?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Norvasc	Did the participant report taking Norvasc?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Plendil	Did the participant report taking Plendil?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Prazosin	Did the participant report taking Prazosin?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Prinivil	Did the participant report taking Prinivil?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Prinzide	Did the participant report taking Prinzide?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Procardia	Did the participant report taking Procardia?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Propranolol	Did the participant report taking Propranolol HCI?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Quinapril	Did the participant report taking Quinapril?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Quinaretic	Did the participant report taking Quinaretic?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Ramipril	Did the participant report taking Ramipril?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Sectral	Did the participant report taking Sectral?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Spironolactone	Did the participant report taking Spironolactone?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Sular	Did the participant report taking Sular?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Tarka	Did the participant report taking Tarka?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Taztia	Did the participant report taking Taztia?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Tenex	Did the participant report taking Tenex?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Tenoretic	Did the participant report taking Tenoretic?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Tenormin	Did the participant report taking Tenormin?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Terazosin	Did the participant report taking Terazosin?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Teveten	Did the participant report taking Teveten?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Tiazac	Did the participant report taking Tiazac?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Timolide	Did the participant report taking Timolide?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
ToprolXL	Did the participant report taking Toprol XL?	This question was added
	0 = No	beginning with CAPI
	1 = Yes	version 1.11.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Trandate	Did the participant report taking Trandate?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.13.
	8888 = Refuse	
	9999 = Don't know	
Triamterene	Did the participant report taking Triamterene?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Uniretic	Did the participant report taking Uniretic?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Univasc	Did the participant report taking Univasc?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Vaseretic	Did the participant report taking Vaseretic?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Vascor	Did the participant report taking Vascor?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Vasotec	Did the participant report taking Vasotec?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Verapamil	Did the participant report taking Verapamil?	For hypertension; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Verelan	Did the participant report taking Verelan?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Wytensin	Did the participant report taking Wytensin?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Zebeta	Did the participant report taking Zebeta?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Zestoretic	Did the participant report taking Zestoretic?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Zestril	Did the participant report taking Zestril?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Ziac	Did the participant report taking Ziac?	For hypertension; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	
Other Hypertension Med	Did the participant report taking other medications to lower blood pressure?	This question was added
	0 = No	beginning with CAPI
	1 = Yes	version 1.11.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Diabetes	Has a doctor ever told you that you have had diabetes?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Diabetes_AFD	What was your age at your first diagnosis of diabetes or high blood sugar?	
	Numeric value from 0 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
New diabetes medications we	re added to later CAPI versions (QuestionnaireVersion) when they were introduced	to the market or grew in
popularity; these variables wil	l be coded as "7777 = Not applicable" for participants enrolled using earlier versions	s. Due to the ability to
specify any diabetes medication	on on the mailed survey, some medications are applicable only to Mail participants.	
Diabetes_Med	Are you currently taking prescription medicine, including insulin, to lower your	
	blood sugar?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
Diabetes_Med_AsInstructed	During the past three months, how often did you take your diabetes medication	
	as instructed by your doctor?	
	1 = All the time	
	2 = Most of the time	
	3 = Sometimes	
	4 = Rarely	
	5 = Never	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Diabetes_Med_N	Number of diabetes medications participant reported taking. This variable was	
	set to 0 for CHC and Telephone participants who answered the individual	
	medication questions with "Refuse" or "Don't Know".	
	Numeric value from 0 to 10	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Insulin	Did the participant report taking Insulin?	For diabetes.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
ActoplusMet	Did the participant report taking Actoplus Met?	For diabetes; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.16.
	8888 = Refuse	
	9999 = Don't know	
Actos	Did the participant report taking Actos?	For diabetes.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Amaryl	Did the participant report taking Amaryl?	For diabetes.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Avandamet	Did the participant report taking Avandamet?	For diabetes; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.08.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Avandaryl	Did the participant report taking Avandaryl?	For diabetes; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.16.
	8888 = Refuse	
	9999 = Don't know	
Avandia	Did the participant report taking Avandia?	For diabetes.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Byetta	Did the participant report taking Byetta?	For diabetes; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.15.
	8888 = Refuse	
	9999 = Don't know	
Chlorpropamide	Did the participant report taking Chlorpropamide?	For diabetes; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.16.
	8888 = Refuse	
	9999 = Don't know	
Diabeta	Did the participant report taking Diabeta?	For diabetes.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Diabinese	Did the participant report taking Diabinese?	For diabetes; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.16.
	8888 = Refuse	
	9999 = Don't know	
Fortamet	Did the participant report taking Fortamet?	For diabetes; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.16.
	8888 = Refuse	
	9999 = Don't know	
Glimepiride	Did the participant report taking Glimepiride?	For diabetes; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.16.
	8888 = Refuse	
	9999 = Don't know	
Glipizide	Did the participant report taking Glipizide?	For diabetes.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Glucagon	Did the participant report taking Glucagon?	For diabetes; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.16.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Glucophage	Did the participant report taking Glucophage or Glucophage XR?	For diabetes.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Glucotrol	Did the participant report taking Glucotrol or Glucotrol XL?	For diabetes.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Glucovance	Did the participant report taking Glucovance?	For diabetes.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Glumetza	Did the participant report taking Glumetza?	For diabetes; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.16.
	8888 = Refuse	
	9999 = Don't know	
Glyburide	Did the participant report taking Glyburide?	For diabetes.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Glyburide_Metformin	Did the participant report taking a Glyburide and Metformin combination?	For diabetes; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Glynase	Did the participant report taking Glynase?	For diabetes.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Glyset	Did the participant report taking Glyset?	For diabetes.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Janumet	Did the participant report taking Janumet?	For diabetes; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.16.
	8888 = Refuse	
	9999 = Don't know	
Januvia	Did the participant report taking Januvia?	For diabetes; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.15.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Metaglip	Did the participant report taking Metaglip?	For diabetes; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.08.
	8888 = Refuse	
	9999 = Don't know	
Metformin	Did the participant report taking Metformin?	For diabetes.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Micronase	Did the participant report taking Micronase?	For diabetes.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Nateglinide	Did the participant report taking Nateglinide?	For diabetes; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Prandin	Did the participant report taking Prandin?	For diabetes.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Precose	Did the participant report taking Precose?	For diabetes.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Riomet	Did the participant report taking Riomet?	For diabetes; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.16.
	8888 = Refuse	
	9999 = Don't know	
Rosiglitazone	Did the participant report taking Rosiglitazone?	For diabetes; Mail
	0 = No	participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Starlix	Did the participant report taking Starlix?	For diabetes.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Symlin	Did the participant report taking Symlin?	For diabetes; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.16.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Other Diabetes Med	Did the participant report taking other medications to lower blood sugar?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Diabetes_GlucoseTestFreq	During the past three months, how often did you test your own blood sugar (not	
	including at the doctor's office)?	
	1 = Less than once per week	
	2 = One to six times per week	
	3 = Once per day	
	4 = Twice per day	
	5 = Three times per day	
	6 = Four or more times per day	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
MI_Bypass	Has a doctor ever told you that you have had a heart attack or coronary artery	
	bypass surgery?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
MI_Bypass_AFD	What was your age at the time of your first heart attack or coronary artery	
	bypass surgery?	
	Numeric value (years) from 18 to 79 with earliest age entered if participant has	
	had both	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
HyperChol	Has a doctor ever told you that you have had high cholesterol?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
HyperChol_AFD	What was your age at your first diagnosis of high cholesterol?	
	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
New high cholesterol med	dications were added to later CAPI versions (QuestionnaireVersion) when they were intro	oduced to the market or
grew in popularity; these	variables will be coded as "7777 = Not applicable" for participants enrolled using earlier	versions. Due to the
ability to specify any high	cholesterol medication on the mailed survey, some medications are applicable only to N	Nail participants.
HyperChol_Med	Are you currently taking prescription medicine to lower your cholesterol?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
HyperChol_Med_N	Number of cholesterol drugs participant reported taking. This variable was set to	
– –	0 for participants who answered the individual medication questions with	
	"Refuse" or "Don't Know".	
	Numeric value from 0 to 5	
	7777 = Not applicable	
HyperChol_Med_Yrs	For how many years have you taken that medication?	
	Numeric value from 0.5 to 60	
	0.5 = Less than one year	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Advicor	Did the participant report taking Advicor?	For high cholesterol.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Altocor	Did the participant report taking Altocor?	For high cholesterol;
	0 = No	Mail participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Altoprev	Did the participant report taking Altoprev?	For high cholesterol;
	0 = No	Mail participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Antara	Did the participant report taking Antara?	For high cholesterol; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.14.
	8888 = Refuse	
	9999 = Don't know	
Baycol	Did the participant report taking Baycol?	For high cholesterol.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
HyperChol_Caduet	Did the participant report taking Caduet?	For high cholesterol; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.14.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Cholestyramine	Did the participant report taking Cholestyramine?	For high cholesterol; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.08.
	8888 = Refuse	
	9999 = Don't know	
Colestid	Did the participant report taking Colestid?	For high cholesterol; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.08.
	8888 = Refuse	
	9999 = Don't know	
Colestipol	Did the participant report taking Colestipol?	For high cholesterol; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.08.
	8888 = Refuse	
	9999 = Don't know	
Crestor	Did the participant report taking Crestor?	For high cholesterol; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.08.
	8888 = Refuse	
	9999 = Don't know	
Ezetimibe	Did the participant report taking Ezetimibe?	For high cholesterol; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.08.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Fenofibrate	Did the participant report taking Fenofibrate	For high cholesterol; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.14.
	8888 = Refuse	
	9999 = Don't know	
Fluvastatin	Did the participant report taking Fluvastatin?	For high cholesterol.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Gemfibrozil	Did the participant report taking Gemfibrozil?	For high cholesterol; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.08.
	8888 = Refuse	
	9999 = Don't know	
Lescol	Did the participant report taking Lescol?	For high cholesterol.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Lipitor	Did the participant report taking Lipitor?	For high cholesterol.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Locholest	Did the participant report taking Locholest?	For high cholesterol; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.08.
	8888 = Refuse	
	9999 = Don't know	
Lofibra	Did the participant report taking Lofibra?	For high cholesterol; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.14.
	8888 = Refuse	
	9999 = Don't know	
Lopid	Did the participant report taking Lopid?	For high cholesterol; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.08.
	8888 = Refuse	
	9999 = Don't know	
Lovastatin	Did the participant report taking Lovastatin?	For high cholesterol.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mevacor	Did the participant report taking Mevacor?	For high cholesterol.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Niacin	Did the participant report taking Niacin?	For high cholesterol;
	0 = No	Mail participants only.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Niaspan	Did the participant report taking Niaspan?	For high cholesterol.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Pravachol	Did the participant report taking Pravachol?	For high cholesterol.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Pravastatin	Did the participant report taking Pravastatin?	For high cholesterol.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Prevalite	Did the participant report taking Prevalite?	For high cholesterol; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.08.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Questran	Did the participant report taking Questran?	For high cholesterol; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.08.
	8888 = Refuse	
	9999 = Don't know	
Simvastatin	Did the participant report taking Simvastatin?	For high cholesterol.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Tricor	Did the participant report taking Tricor?	For high cholesterol; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.14.
	8888 = Refuse	
	9999 = Don't know	
Triglide	Did the participant report taking Triglide?	For high cholesterol; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.14.
	8888 = Refuse	
	9999 = Don't know	
Vytorin	Did the participant report taking Vytorin?	For high cholesterol; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.11.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Welchol	Did the participant report taking Welchol?	For high cholesterol; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.08.
	8888 = Refuse	
	9999 = Don't know	
Zetia	Did the participant report taking Zetia?	For high cholesterol; this
	0 = No	question was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.08.
	8888 = Refuse	
	9999 = Don't know	
Zocor	Did the participant report taking Zocor?	For high cholesterol.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
OtherHyperCholMed	Did the participant report taking other cholesterol-lowering drug?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
StatinUse	0 = No	Derived from individual
	1 = Yes	cholesterol lowering
		medication responses.
Stroke_TIA	Has a doctor ever told you that you have had a stroke, mini-stroke, or transient	
_	ischemic attack (TIA)?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding		Comments
Stroke_TIA_AFD	_AFD What was your age when you first experienced a stroke,		
	ischemic attack (TIA)?		
	Numeric value (years) from 18 to 79		
	7777 = Not appplicable		
	8888 = Refuse		
	9999 = Don't know		
Hepatitis	Has a doctor ever told you that yo	ou have had hepatitis?	
	0 = No		
	1 = Yes		
	8888 = Refuse		
	9999 = Don't know		
Hepatitis_Type	What type of Hepatitis have you h	nad?	Combinations of
	1 = Hepatitis A 8	= Hepatitis A and C	hepatitis type (reasons
	2 = Hepatitis B 9	= Hepatitis B and C	7, 8, 9 and 10) added in
	3 = Hepatitis C 1	0 = Hepatitis A, B, and C	CAPI versions 1.01 and
	· · · · · · · · · · · · · · · · · · ·	777 = Not applicable	higher.
		888 = Refuse	
		999 = Don't know	
	7 = Hepatitis A and B		
Hepatitis_AFD	What was your age at your first di	agnosis of hepatitis?	
	Numeric value (years) from 0 to 7	9 with earliest age entered if participant has	
	had more than one type		
	7777 = Not applicable		
	8888 = Refuse		
	9999 = Don't know		
COPD	Has a doctor ever told you that yo	ou have had emphysema or chronic bronchitis?	
	0 = No		
	1 = Yes		
	8888 = Refuse		
	9999 = Don't know		

Variable Name	Question and Coding	Comments
COPD_AFD	What was your age at your first diagnosis of emphysema or chronic bronchitis?	
	Numeric value (years) from 18 to 79 with earliest age entered if participant has	
	had both.	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Tuberculosis	Has a doctor ever told you that you have had tuberculosis?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
Tuberculosis_AFD	What was your age at your first diagnosis of tuberculosis?	
	Numeric value (years) from 0 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Asthma	Has a doctor ever told you that you have had asthma?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
Asthma_AFD	What was your age at your first diagnosis of asthma?	
	Numeric value (years) from 0 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Allergies	Has a doctor ever told you that you have had hay fever, skin allergy, food allergy,	
	or other allergy?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Allergies_AFD	What was your age at your first diagnosis of hay fever, skin allergy, food allergy,	
	or other allergy?	
	Numeric value (years) from 0 to 79 with earliest age entered if participant has	
	had more than one type of allergy.	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
SickleCell	Has a doctor ever told you that you have had sickle cell disease?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
SickleCell_AFD	What was your age at your first diagnosis of sickle cell disease?	
_	Numeric value (years) from 0 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Polyps	Has a doctor ever told you that you have had polyps in your colon or rectum?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
Polyps_AFD	What was your age at your first diagnosis of polyps in your colon or rectum?	
=	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Reflux	Has a doctor ever told you that you have had heartburn or acid reflux?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Reflux_AFD	What was your age at your first diagnosis of heartburn or acid reflux?	
	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Ulcer	Has a doctor ever told you that you have had an ulcer (either stomach or	
	duodenal)?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
Ulcer_AFD	What was your age at your first diagnosis of an ulcer (either stomach or	
_	duodenal)?	
	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
IBD	Has a doctor ever told you that you have had Crohn's disease or ulcerative	
	colitis?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
IBD_AFD	What was your age at your first diagnosis of Crohn's disease or ulcerative colitis?	
	Numeric value (years) from 0 to 79 with earliest age entered if participant has	
	had both	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Glaucoma	Has a doctor ever told you that you have had glaucoma?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Glaucoma_AFD	What was your age at your first diagnosis of glaucoma?	
	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Cataracts	Has a doctor ever told you that you have had cataracts?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
Cataracts_AFD	What was your age at your first diagnosis of cataracts?	
	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
HIVAIDS	Has a doctor ever told you that you have had HIV or AIDS?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
HIVAIDS_AFD	What was your age at your first diagnosis of HIV or AIDS?	
	Numeric value (years) from the participant's age in June 1981 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Parkinsons	Has a doctor ever told you that you have had Parkinson's disease?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
Parkinsons_AFD	What was your age at your first diagnosis of Parkinson's disease?	
	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Lupus	Has a doctor ever told you that you have had lupus?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
Lupus_AFD	What was your age at your first diagnosis of lupus?	
	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
MS	Has a doctor ever told you that you have had multiple sclerosis?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
MS_AFD	What was your age at your first diagnosis of multiple sclerosis?	
	Numeric value (years) from 0 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Depression	Has a doctor ever told you that you have had depression?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
Depression_AFD	What was your age at your first diagnosis of depression?	
	Numeric value (years) from 13 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Arthritis	Has a doctor ever told you that you have had arthritis?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Arthritis_AFD	What was your age at your first diagnosis of arthritis?	
	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
BPH	Has a doctor ever told you that you have an enlarged prostate (which is often	
	called BPH or benign prostatic hyperplasia)?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
BPH_Surgery	Have you ever had surgery for an enlarged prostate?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
BreastCyst	Has a doctor ever told you that you had a non-cancerous cyst in the breast?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
BreastCyst_AFD	At what age was your non-cancerous cyst in the breast first diagnosed?	Prior to CAPI version
	Numeric value (years) from 18 to 79	1.01, age range
	7777 = Not applicable	extended to 70. The
	8888 = Refuse	range increased to 79 in
	9999 = Don't know	CAPI version 1.01 and
		higher.

Variable Name	Question and Coding	Comments
Fibroids	Has a doctor ever told you that you had fibroids in the uterus (or womb)?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fibroids_AFD	At what age were fibroids in your uterus (or womb) first diagnosed?	Prior to CAPI version
	Numeric value (years) from 18 to 79	1.01, age range
	7777 = Not applicable	extended to 70. The
	8888 = Refuse	range increased to 79 in
	9999 = Don't know	CAPI version 1.01 and
		higher.
Cancer	Has a doctor ever told you that you have had cancer of any kind?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
BladderCancer	Did participant report having had bladder cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
BladderCancer_AFD	What was your age at your first diagnosis of bladder cancer?	
	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
BoneCancer	Did participant report having had bone cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
BoneCancer_AFD	What was your age at your first diagnosis of bone cancer?	
	Numeric value (years) from 0 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
BrainCancer	Did participant report having had brain cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
BrainCancer_AFD	What was your age at your first diagnosis of brain cancer?	
_	Numeric value (years) from 0 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
BreastCancer	Did participant report having had breast cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
BreastCancer_AFD	What was your age at your first diagnosis of breast cancer?	
	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
CervicalCancer	Did participant report having had cervical cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
CervicalCancer_AFD	What was your age at your first diagnosis of cervical cancer?	
	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
ColonCancer	Did participant report having had colon cancer?	CHC and Telephone
	0 = No	participants only
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
ColonCancer_AFD	What was your age at your first diagnosis of colon cancer?	CHC and Telephone
_	Numeric value (years) from 18 to 79	participants only
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
ColorectalCancer	Did participant report having had colorectal cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
ColorectalCancer_AFD	What was your age at your first diagnosis of colorectal cancer?	
	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
ConnectTissCancer	Did participant report having had cancer of the connective tissue?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
ConnectTissCancer_AFD	What was your age at your first diagnosis of cancer of the connective tissue?	
	Numeric value (years) from 0 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
EsophagealCancer	Did participant report having had esophageal cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
EsophagealCancer_AFD	What was your age at your first diagnosis of esophageal cancer?	
	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
GallbladderCancer	Did participant report having had gallbladder cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
GallbladderCancer_AFD	What was your age at your first diagnosis of gallbladder cancer?	
	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
GastricCancer	Did participant report having had stomach cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
GastricCancer_AFD	What was your age at your first diagnosis of stomach cancer?	
	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
HodgkinLymphoma	Did participant report having had Hodgkin's disease?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
HodgkinLymphoma_AFD	What was your age at your first diagnosis of Hodgkin's disease?	
_	Numeric value (years) from 0 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
KidneyCancer	Did participant report having had kidney cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
KidneyCancer_AFD	What was your age at your first diagnosis of kidney cancer?	
	Numeric value (years) from 0 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
LaryngealCancer	Did participant report having had cancer of the larynx?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
LaryngealCancer_AFD	What was your age at your first diagnosis of cancer of the larynx?	
	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Leukemia	Did participant report having had leukemia?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Leukemia_AFD	What was your age at your first diagnosis of leukemia?	
_	Numeric value (years) from 0 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
LiverCancer	Did participant report having had liver cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
LiverCancer_AFD	What was your age at your first diagnosis of liver cancer?	
	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
LungCancer	Did participant report having had lung cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
LungCancer_AFD	What was your age at your first diagnosis of lung cancer?	
	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Lymphoma	Did participant report having had lymphoma?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Lymphoma_AFD	What was your age at your first diagnosis of lymphoma?	
	Numeric value (years) from 0 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Melanoma	Did participant report having had melanoma?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Melanoma_AFD	What was your age at your first diagnosis of melanoma?	
	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
MultMyeloma	Did participant report having had multiple myeloma?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
MultMyeloma_AFD	What was your age at your first diagnosis of multiple myeloma?	
	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
NonMelSkinCancer	Did participant report having had skin cancer (non-melanoma skin cancer such as	
	basal cell or squamous cell skin cancer)?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
NonMelSkinCancer_AFD	What was your age at your first diagnosis of skin cancer?	
	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
OralCancer	Did participant report having had mouth or oral cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
OralCancer_AFD	What was your age at your first diagnosis of mouth or oral cancer?	
	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
OvarianCancer	Did participant report having had ovarian cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
OvarianCancer_AFD	What was your age at your first diagnosis of ovarian cancer?	
	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
PancreaticCancer	Did participant report having had cancer of the pancreas?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
PancreaticCancer_AFD	What was your age at your first diagnosis of pancreatic cancer?	
_	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
PharyngealCancer	Did participant report having had cancer of the pharynx?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
PharyngealCancer_AFD	What was your age at your first diagnosis of cancer of the pharynx?	
	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
ProstateCancer	Did participant report having had prostate cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
ProstateCancer_AFD	What was your age at your first diagnosis of prostate cancer?	
	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
RectalCancer	Did participant report having had rectal cancer?	CHC and Telephone
	0 = No	participants only
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
RectalCancer_AFD	What was your age at your first diagnosis of rectal cancer?	CHC and Telephone
_	Numeric value (years) from 18 to 79	participants only
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
TesticularCancer	Did participant report having had testicular cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
TesticularCancer_AFD	What was your age at your first diagnosis of testicular cancer?	
	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
ThyroidCancer	Did participant report having had cancer of the thyroid/parathyroid?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
ThyroidCancer_AFD	What was your age at your first diagnosis of thyroid or parathyroid Cancer?	
	Numeric value (years) from 0 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
UterineCancer	Did participant report having had cancer of the uterus/womb?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
UterineCancer_AFD	What was your age at your first diagnosis of cancer of the uterus/womb?	
	Numeric value (years) from 18 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
OtherCancer	Did participant report having had another type of cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
OtherCancer_AFD	What was your age at your first diagnosis of other/unlisted cancer type?	
	Numeric value (years) from 0 to 79	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Comorbidity_Index	Based on the Charlson index, with modifications to account for information available on the SCCS questionnaire, this derived variable is the sum of the following scores:  1 MI_Bypass; Stroke_TIA; COPD, Asthma, or Tuberculosis; Hepatitis; Ulcer; Diabetes; Parkinsons; HyperChol or Hypertension; Arthritis, IBD, MS, or Lupus)  2 Cancer (other than non melanoma skin cancer)  3 HIVAIDS  Numeric value from 0 to 12	Sonderman JS, Munro HM, Blot WJ, Tarone RE, McLaughlin JK (2014) Suicides, Homicides, Accidents, and Other External Causes of Death among Blacks and Whites in the Southern Community Cohort Study. PLoS ONE 9(12): e114852. doi: 10.1371/ journal.pone.0114852

## Family history of cancer

Variable Name	Question and Coding	Comments
Mo_Cancer	Has your birth mother ever had cancer?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
Mo_BladderCancer	Did participant report that his/her birth mother had bladder cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_BladderCancer_Lt50	Was your birth mother diagnosed with bladder cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_BoneCancer	Did participant report that his/her birth mother had bone cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_BoneCancer_Lt50	Was your birth mother diagnosed with bone cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Mo_BrainCancer	Did participant report that his/her birth mother had brain cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_BrainCancer_Lt50	Was your birth mother diagnosed with brain cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_BreastCancer	Did participant report that his/her birth mother had breast cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_BreastCancer_Lt50	Was your birth mother diagnosed with breast cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_CervicalCancer	Did participant report that his/her birth mother had cervical cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Mo_CervicalCancer_Lt50	Was your birth mother diagnosed with cervical cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_ColonCancer	Did participant report that his/her birth mother had colon cancer?	CHC and Telephone
	0 = No	participants only
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_ColonCancer_Lt50	Was your birth mother diagnosed with colon cancer before age 50?	CHC and Telephone
	0 = No	participants only
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_ColorectalCancer	Did participant report that his/her birth mother had colorectal cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_ColorectalCancer_Lt50	Was your birth mother diagnosed with colorectal cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Mo_ConnectTissCancer	Did participant report that his/her birth mother had cancer of the connective	
	tissue?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_ConnectTissCancer_Lt50	Was your birth mother diagnosed with cancer of the connective tissue before	
	age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_EsophagealCancer	Did participant report that his/her Birth Mother had esophageal cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_EsophagealCancer_Lt50	Was your birth mother diagnosed with esophageal cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_GallbladderCancer	Did participant report that his/her birth mother had gallbladder cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Mo_GallbladderCancer_Lt50	Was your birth mother diagnosed with gallbladder cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_GastricCancer	Did participant report that his/her birth mother had stomach cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_GastricCancer_Lt50	Was your birth mother diagnosed with stomach cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_HodgkinLymphoma	Did participant report that his/her birth mother had Hodgkin's disease?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_HodgkinLymphoma_Lt50	Was your birth mother diagnosed with Hodgkin's disease before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Mo_KidneyCancer	Did participant report that his/her birth mother had kidney cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_KidneyCancer_Lt50	Was your birth mother diagnosed with kidney cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_LaryngealCancer	Did participant report that his/her birth mother had cancer of the larynx?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_LaryngealCancer_Lt50	Was your birth mother diagnosed with cancer of the larynx before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_Leukemia	Did participant report that his/her birth mother had leukemia?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Mo_Leukemia_Lt50	Was your birth mother diagnosed with leukemia before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_LiverCancer	Did participant report that his/her birth mother had liver cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_LiverCancer_Lt50	Was your birth mother diagnosed with liver cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_LungCancer	Did participant report that his/her birth mother had lung cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_LungCancer_Lt50	Was your birth mother diagnosed with lung cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Mo_Lymphoma	Did participant report that his/her birth mother had lymphoma?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_Lymphoma_Lt50	Was your birth mother diagnosed with lymphoma before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_Melanoma	Did participant report that his/her birth mother had melanoma?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_Melanoma_Lt50	Was your birth mother diagnosed with melanoma before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_OralCancer	Did participant report that his/her birth mother had mouth or oral cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Mo_OralCancer_Lt50	Was your birth mother diagnosed with mouth or oral cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_MultMyeloma	Did participant report that his/her birth mother had multiple myeloma?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_MultMyeloma_Lt50	Was your birth mother diagnosed with multiple myeloma before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_NonMelSkinCancer	Did participant report that his/her birth mother had skin cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_NonMelSkinCancer_Lt50	Was your birth mother diagnosed with skin cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Mo_OvarianCancer	Did participant report that his/her birth mother had ovarian cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_OvarianCancer_Lt50	Was your birth mother diagnosed with ovarian cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_PancreaticCancer	Did participant report that his/her birth mother had cancer of the pancreas?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_PancreaticCancer_Lt50	Was your birth mother diagnosed with cancer of the pancreas before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_PharyngealCancer	Did participant report that his/her birth mother had cancer of the pharynx?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Mo_PharyngealCancer_Lt50	Was your birth mother diagnosed with cancer of the pharynx before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_RectalCancer	Did participant report that his/her birth mother had rectal cancer?	CHC and Telephone
	0 = No	participants only
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_RectalCancer_Lt50	Was your birth mother diagnosed with rectal cancer before age 50?	CHC and Telephone
	0 = No	participants only
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_ThyroidCancer	Did participant report that his/her birth mother had cancer of the thyroid or	
	parathyroid?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_ThyroidCancer_Lt50	Was your birth mother diagnosed with thyroid or parathyroid cancer before	
	age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Mo_UterineCancer	Did participant report that his/her birth mother had cancer of the	
	uterus/womb?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_UterineCancer_Lt50	Was your birth mother diagnosed with cancer of the uterus/womb before age	
	50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_Othercancer	Did participant report that his/her birth mother had another type of cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mo_Othercancer_Lt50	Was your birth mother diagnosed with other/unlisted cancer type before age	
	50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_Cancer	Did your sister(s) ever have cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Si_BladderCancer	Did participant report that any sisters had bladder cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_BladderCancer_Num	How many sisters had bladder cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_BladderCancer_Lt50	Was your sister(s) diagnosed with bladder cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_BoneCancer	Did participant report that any sisters had bone cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_BoneCancer_Num	How many sisters had bone cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Si_BoneCancer_Lt50	Was your sister(s) diagnosed with bone cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_BrainCancer	Did participant report that any sisters had brain cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_BrainCancer_Num	How many sisters had brain cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_BrainCancer_Lt50	Was your sister(s) diagnosed with brain cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_BreastCancer	Did participant report that any sisters had breast cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Si_BreastCancer_Num	How many sisters had breast cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_BreastCancer_Lt50	Was your sister(s) diagnosed with breast cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_CervicalCancer	Did participant report that any sisters had cervical cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_CervicalCancer_Num	How many sisters had cervical cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_CervicalCancer_Lt50	Was your sister(s) diagnosed with cervical cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Si_ColonCancer	Did participant report that any sisters had colon cancer?	CHC and Telephone
	0 = No	participants only
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_ColonCancer_Num	How many sisters had colon cancer?	CHC and Telephone
	1 = One	participants only
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_ColonCancer_Lt50	Was your sister(s) diagnosed with colon cancer before age 50?	CHC and Telephone
	0 = No	participants only
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
Si_Colorectalcancer	Did participant report that any sisters had colorectal cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_Colorectalcancer_Num	How many sisters had colorectal cancer?	Mail participants only.
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_Colorectalcancer_Lt50	Was your sister(s) diagnosed with colorectal cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Si_ConnectTissCancer	Did participant report that any sisters had cancer of the connective tissue?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_ConnectTissCancer_Num	How many sisters had cancer of the connective tissue?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_ConnectTissCancer_Lt50	Was your sister(s) diagnosed with cancer of the connective tissue before age	
	50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_EsophagealCancer	Did participant report that any sisters had esophageal cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_EsophagealCancer_Num	How many sisters had esophageal cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Si_EsophagealCancer_Lt50	Was your sister(s) diagnosed with esophageal cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_GallbladderCancer	Did participant report that any sisters had gallbladder cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_GallbladderCancer_Num	How many sisters had gallbladder cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_GallbladderCancer_Lt50	Was your sister(s) diagnosed with gallbladder cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_GastricCancer	Did participant report that any sisters had stomach cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Si_GastricCancer_Num	How many sisters had stomach cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_GastricCancer_Lt50	Was your sister(s) diagnosed with stomach cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_HodgkinLymphoma	Did participant report that any sisters had Hodgkin's disease?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_HodgkinLymphoma_Num	How many sisters had Hodgkin's disease?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_HodgkinLymphoma_Lt50	Was your sister(s) diagnosed with Hodgkin's disease before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Si_KidneyCancer	Did participant report that any sisters had kidney cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_KidneyCancer_Num	How many sisters had kidney cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_KidneyCancer_Lt50	Was your sister(s) diagnosed with kidney cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_LaryngealCancer	Did participant report that any sisters had cancer of the larynx?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_LaryngealCancer_Num	How many sisters had cancer of the larynx?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Si_LaryngealCancer_Lt50	Was your sister(s) diagnosed with cancer of the larynx before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_Leukemia	Did participant report that any sisters had leukemia?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_Leukemia_Num	How many sisters had leukemia?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_Leukemia_Lt50	Was your sister(s) diagnosed with leukemia before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_LiverCancer	Did participant report that any sisters had liver cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Si_LiverCancer_Num	How many sisters had liver cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_LiverCancer_Lt50	Was your sister(s) diagnosed with liver cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_LungCancer	Did participant report that any sisters had lung cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_LungCancer_Num	How many sisters had lung cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_LungCancer_Lt50	Was your sister(s) diagnosed with lung cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Si_Lymphoma	Did participant report that any sisters had lymphoma?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_Lymphoma_Num	How many sisters had lymphoma?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_Lymphoma_Lt50	Was your sister(s) diagnosed with lymphoma before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_Melanoma	Did participant report that any sisters had melanoma?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_Melanoma_Num	How many sisters had melanoma?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Si_Melanoma_Lt50	Was your sister(s) diagnosed with melanoma before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_MultMyeloma	Did participant report that any sisters had multiple myeloma?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_MultMyeloma_Num	How many sisters had Multiple myeloma?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_MultMyeloma_Lt50	Was your sister(s) diagnosed with multiple myeloma before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_NonMelSkinCancer	Did participant report that any sisters had skin cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Si_NonMelSkinCancer_Num	How many sisters had skin cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_NonMelSkinCancer_Lt50	Was your sister(s) diagnosed with skin cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_OralCancer	Did participant report that any sisters had mouth or oral cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_OralCancer_Num	How many sisters had mouth or oral cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_OralCancer_Lt50	Was your sister(s) diagnosed with mouth or oral cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Si_OvarianCancer	Did participant report that any sisters had ovarian cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_OvarianCancer_Num	How many sisters had ovarian cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_OvarianCancer_Lt50	Was your sister(s) diagnosed with ovarian cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_PancreaticCancer	Did participant report that any sisters had cancer of the pancreas?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_PancreaticCancer_Num	How many sisters had cancer of the pancreas?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Si_PancreaticCancer_Lt50	Was your sister(s) diagnosed with cancer of the pancreas before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_PharyngealCancer	Did participant report that any sisters had cancer of the pharynx?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_PharyngealCancer_Num	How many sisters had cancer of the pharynx?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_PharyngealCancer_Lt50	Was your sister(s) diagnosed with cancer of the pharynx before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_RectalCancer	Did participant report that any sisters had rectal cancer?	CHC and Telephone
	0 = No	participants only
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Si_RectalCancer_Num	How many sisters had rectal cancer?	CHC and Telephone
	1 = One	participants only
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_RectalCancer_Lt50	Was your sister(s) diagnosed with rectal cancer before age 50?	CHC and Telephone
	0 = No	participants only
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_ThyroidCancer	Did participant report that any sisters had cancer of the thyroid or	
	parathyroid?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_ThyroidCancer_Num	How many sisters had thyroid or parathyroid cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_ThyroidCancer_Lt50	Was your sister(s) diagnosed with thyroid or parathyroid cancer before age	
	50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Si_UterineCancer	Did participant report that any sisters had cancer of the uterus/womb?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_UterineCancer_Num	How many sisters had cancer of the uterus/womb?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_UterineCancer_Lt50	Was your sister(s) diagnosed with cancer of the uterus/womb before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_Othercancer	Did participant report that any sisters had another type of cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_Othercancer_Num	How many sisters had other/unlisted cancer type?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Si_Othercancer_Lt50	Was your sister(s) diagnosed with other/unlisted cancer type before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_Cancer	Has your birth father ever had cancer?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
Fa_BladderCancer	Did participant report that his/her birth father had bladder cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_BladderCancer_Lt50	Was your birth father diagnosed with bladder cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_BoneCancer	Did participant report that his/her birth father had bone cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_BoneCancer_Lt50	Was your birth father diagnosed with bone cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Fa_BrainCancer	Did participant report that his/her birth father had brain cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_BrainCancer_Lt50	Was your birth father diagnosed with brain cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_BreastCancer	Did participant report that his/her birth father had breast cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_BreastCancer_Lt50	Was your birth father diagnosed with breast cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_ColonCancer	Did participant report that his/her birth father had colon cancer?	CHC and Telephone
	0 = No	participants only
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Fa_ColonCancer_Lt50	Was your birth father diagnosed with colon cancer before age 50?	CHC and Telephone
	0 = No	participants only
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_ColorectalCancer	Did participant report that his/her birth father had colorectal cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_ColorectalCancer_Lt50	Was your birth father diagnosed with colorectal cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_ConnectTissCancer	Did participant report that his/her birth father had cancer of the connective	
	tissue?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_ConnectTissCancer_Lt50	Was your birth father diagnosed with cancer of the connective tissue before	
	age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Fa_EsophagealCancer	Did participant report that his/her birth father had esophageal cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_EsophagealCancer_Lt50	Was your birth father diagnosed with esophageal cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_GallbladderCancer	Did participant report that his/her birth father had gallbladder cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_GallbladderCancer_Lt50	Was your birth father diagnosed with gallbladder cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_GastricCancer	Did participant report that his/her birth father had stomach cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Fa_GastricCancer_Lt50	Was your birth father diagnosed with stomach cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_HodgkinLymphoma	Did participant report that his/her birth father had Hodgkin's disease?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_HodgkinLymphoma_Lt50	Was your birth father diagnosed with Hodgkin's disease before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_KidneyCancer	Did participant report that his/her birth father had kidney cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_KidneyCancer_Lt50	Was your birth father diagnosed with kidney cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Fa_LaryngealCancer	Did participant report that his/her birth father had cancer of the larynx?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_LaryngealCancer_Lt50	Was your birth father diagnosed with cancer of the larynx before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_Leukemia	Did participant report that his/her birth father had leukemia?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_Leukemia_Lt50	Was your birth father diagnosed with leukemia before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_LiverCancer	Did participant report that his/her birth father had liver cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Fa_LiverCancer_Lt50	Was your birth father diagnosed with liver cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_LungCancer	Did participant report that his/her Birth Father had lung cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_LungCancer_Lt50	Was your birth father diagnosed with lung cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_Lymphoma	Did participant report that his/her birth father had lymphoma?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_Lymphoma_Lt50	Was your birth father diagnosed with lymphoma before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_Melanoma	Did participant report that his/her birth father had melanoma?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Fa_Melanoma_Lt50	Was your birth father diagnosed with melanoma before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_Multmyeloma	Did participant report that his/her birth father had multiple myeloma?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_Multmyeloma_Lt50	Was your birth father diagnosed with multiple myeloma before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_NonMelSkinCancer	Did participant report that his/her birth father had skin cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_NonMelSkinCancer_Lt50	Was your birth father diagnosed with skin cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Fa_OralCancer	Did participant report that his/her birth father had mouth or oral cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_OralCancer_Lt50	Was your birth father diagnosed with mouth or oral cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_PancreaticCancer	Did participant report that his/her birth father had cancer of the pancreas?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_PancreaticCancer_Lt50	Was your birth father diagnosed with cancer of the pancreas before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_PharyngealCancer	Did participant report that his/her birth father had cancer of the pharynx?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Fa_PharyngealCancer_Lt50	Was your birth father diagnosed with cancer of the pharynx before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_ProstateCancer	Did participant report that his/her birth father had prostate cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_ProstateCancer_Lt50	Was your birth father diagnosed with prostate cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_RectalCancer	Did participant report that his/her birth father had rectal cancer?	CHC and Telephone
	0 = No	participants only
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_RectalCancer_Lt50	Was your birth father diagnosed with rectal cancer before age 50?	CHC and Telephone
	0 = No	participants only
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Fa_TesticularCancer	Did participant report that his/her birth father had testicular cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_TesticularCancer_Lt50	Was your birth father diagnosed with testicular cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_ThyroidCancer	Did participant report that his/her birth father had cancer of the thyroid or	
	parathyroid?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_ThyroidCancer_Lt50	Was your birth father diagnosed with thyroid or parathyroid cancer before age	
	50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_Othercancer	Did participant report that his/her birth father had another type of cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Fa_Othercancer_Lt50	Was your birth father diagnosed with other/unlisted cancer type before age	
	50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_Cancer	Did your brother(s) ever have cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_BladderCancer	Did participant report that any brothers had bladder cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_BladderCancer_Num	How many brothers had bladder cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_BladderCancer_Lt50	Was your brother(s) diagnosed with Bladder Cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Br_BoneCancer	Did participant report that any brothers had bone cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_BoneCancer_Num	How many brothers had bone cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_BoneCancer_Lt50	Was your brother(s) diagnosed with bone cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_BrainCancer	Did participant report that any brothers had brain cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_BrainCancer_Num	How many brothers had brain cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Br_BrainCancer_Lt50	Was your brother(s) diagnosed with brain cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_BreastCancer	Did participant report that any brothers had breast cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_BreastCancer_Num	How many brothers had breast cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_BreastCancer_Lt50	Was your brother(s) diagnosed with breast cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_ColonCancer	Did participant report that any brothers had colon cancer?	CHC and Telephone
	0 = No	participants only
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Br_ColonCancer_Num	How many brothers had colon cancer?	CHC and Telephone
	1 = One	participants only
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_ColonCancer_Lt50	Was your brother(s) diagnosed with colon cancer before age 50?	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_ColorectalCancer	Did participant report that any brothers had colorectal cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_ColorectalCancer_Num	How many brothers had colorectal cancer?	Mail participants only.
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_ColorectalCancer_Lt50	Was your brother(s) diagnosed with colorectal cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
I	9999 = Don't know	

Variable Name	Question and Coding	Comments
Br_ConnectTissCancer	Did participant report that any brothers had cancer of the connective tissue?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_ConnectTissCancer_Num	How many brothers had cancer of the connective tissue?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_ConnectTissCancer_Lt50	Was your brother(s) diagnosed with cancer of the connective tissue before age	
	50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_EsophagealCancer	Did participant report that any brothers had esophageal cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_EsophagealCancer_Num	How many brothers had esophageal cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Br_EsophagealCancer_Lt50	Was your brother(s) diagnosed with esophageal cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_GallbladderCancer	Did participant report that any brothers had gallbladder cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_GallbladderCancer_Num	How many brothers had gallbladder cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_GallBladderCancer_Lt50	Was your brother(s) diagnosed with gallbladder cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_GastricCancer	Did participant report that any brothers had stomach cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Br_GastricCancer_Num	How many brothers had stomach cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_GastricCancer_Lt50	Was your brother(s) diagnosed with stomach cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_HodgkinLymphoma	Did participant report that any brothers had Hodgkin's disease?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_HodgkinLymphoma_Num	How many brothers had Hodgkin's disease?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_HodgkinLymphoma_Lt50	Was your brother(s) diagnosed with Hodgkin's disease before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Br_KidneyCancer	Did participant report that any brothers had kidney cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_KidneyCancer_Num	How many brothers had kidney cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_KidneyCancer_Lt50	Was your brother(s) diagnosed with kidney cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_LaryngealCancer	Did participant report that any brothers had cancer of the larynx?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_LaryngealCancer_Num	How many brothers had cancer of the larynx?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Br_LaryngealCancer_Lt50	Was your brother(s) diagnosed with cancer of the larynx before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_Leukemia	Did participant report that any brothers had leukemia?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_Leukemia_Num	How many brothers had leukemia?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_Leukemia_Lt50	Was your brother(s) diagnosed with leukemia before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_LiverCancer	Did participant report that any brothers had liver cancer?	
_	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Br_LiverCancer_Num	How many brothers had liver cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_LiverCancer_Lt50	Was your brother(s) diagnosed with liver cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_LungCancer	Did participant report that any brothers had Lung Cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_LungCancer_Num	How many brothers had Lung Cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_LungCancer_Lt50	Was your brother(s) diagnosed with Lung Cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Br_Lymphoma	Did participant report that any brothers had lymphoma?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_Lymphoma_Num	How many brothers had lymphoma?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_Lymphoma_Lt50	Was your brother(s) diagnosed with lymphoma before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_Melanoma	Did participant report that any brothers had Melanoma?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_Melanoma_Num	How many brothers had melanoma?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Br_Melanoma_Lt50	Was your brother(s) diagnosed with melanoma before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_Multmyeloma	Did participant report that any brothers had multiple myeloma?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_Multmyeloma_Num	How many brothers had multiple myeloma?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_Multmyeloma_Lt50	Was your brother(s) diagnosed with multiple myeloma before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_NonMelSkinCancer	Did participant report that any brothers had skin cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Br_NonMelSkinCancer_Num	How many brothers had skin cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_NonMelSkinCancer_Lt50	Was your brother(s) diagnosed with skin cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_OralCancer	Did participant report that any brothers had mouth or oral cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_OralCancer_Num	How many brothers had mouth or oral cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_OralCancer_Lt50	Was your brother(s) diagnosed with mouth or oral cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Br_PancreaticCancer	Did participant report that any brothers had cancer of the pancreas?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_PancreaticCancer_Num	How many brothers had cancer of the pancreas?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_PancreaticCancer_Lt50	Was your brother(s) diagnosed with cancer of the pancreas before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_PharyngealCancer	Did participant report that any brothers had cancer of the pharynx?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_PharyngealCancer_Num	How many brothers had cancer of the pharynx?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Br_PharyngealCancer_Lt50	Was your brother(s) diagnosed with cancer of the pharynx before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_ProstateCancer	Did participant report that any brothers had prostate cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_ProstateCancer_Num	How many brothers had prostate cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_ProstateCancer_Lt50	Was your brother(s) diagnosed with prostate cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_RectalCancer	Did participant report that any brothers had rectal cancer?	CHC and Telephone
	0 = No	participants only
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Br_RectalCancer_Num	How many brothers had rectal cancer?	CHC and Telephone
	1 = One	participants only
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_RectalCancer_Lt50	Was your brother(s) diagnosed with rectal cancer before age 50?	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_TesticularCancer	Did participant report that any brothers had Testicular Cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_TesticularCancer_Num	How many brothers had testicular cancer?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_TesticularCancer_Lt50	Was your brother(s) diagnosed with testicular cancer before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Br_ThyroidCancer	Did participant report that any brothers had cancer of the thyroid or	
	parathyroid?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_ThyroidCancer_Num	How many brothers had thyroid or parathyroid cancer?	
	1 = One	
	2 = Two or more	
	8888 = Refuse	
	9999 = Don't know	
Br_ThyroidCancer_Lt50	Was your brother(s) diagnosed with thyroid or parathyroid cancer before age	
	50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_Othercancer	Did participant report that any brothers had another type of cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_Othercancer_Num	How many brothers had other/unlisted cancer type?	
	1 = One	
	2 = Two or more	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Br_Othercancer_Lt50	Was your brother(s) diagnosed with other/unlisted cancer type before age 50?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

## Family history of heart disease and diabetes

Variable Name	Question and Coding	Comments
Mo_MI_Bypass	Did participant report that his/her birth mother has had a heart attack or	
	coronary artery bypass surgery?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
Fa_MI_Bypass	Did participant report that his/her birth father has had a heart attack or	
	coronary artery bypass surgery?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
Si_MI_Bypass	Did participant report that any full sisters have had a heart attack or coronary	
	artery bypass surgery?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_MI_Bypass	Did participant report that any full brothers have had a heart attack or	
	coronary artery bypass surgery?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Mo_MI_Bypass_AFD	At what age did your birth mother first have a heart attack or have coronary	
	artery bypass surgery?	
	1 = Age 55 or younger	
	2 = Age 56-64	
	3 = Age 65 or over	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_MI_Bypass_AFD	At what age did your birth father first have a heart attack or have coronary	
	artery bypass surgery?	
	1 = Age 55 or younger	
	2 = Age 56-64	
	3 = Age 65 or over	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_MI_Bypass_AFD	At what age did your sister first have a heart attack or have coronary artery	
	bypass surgery?	
	1 = Age 55 or younger	
	2 = Age 56-64	
	3 = Age 65 or over	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_MI_Bypass_AFD	At what age did your brother first have a heart attack or have coronary artery	
	bypass surgery?	
	1 = Age 55 or younger	
	2 = Age 56-64	
	3 = Age 65 or over	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Mo_Diabetes	Did participant report that his/her birth mother has had diabetes or high	
	blood sugar?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_Diabetes	Did participant report that his/her birth father has had diabetes or high blood	
	sugar?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_Diabetes	Did participant report that any full sisters have had diabetes or high blood	
	sugar?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_Diabetes	Did participant report that any full brothers have had diabetes or high blood	
	sugar?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Mo_Diabetes_AFD	At what age was your birth mother first diagnosed with diabetes or high blood	
	sugar?	
	1 = Age 19 or younger	
	2 = Age 20-64	
	3 = Age 65 or over	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fa_Diabetes_AFD	At what age was your birth father first diagnosed with diabetes or high blood	
	sugar?	
	1 = Age 19 or younger	
	2 = Age 20-64	
	3 = Age 65 or over	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Si_Diabetes_AFD	At what age was your sister first diagnosed with diabetes or high blood sugar?	
	1 = Age 19 or younger	
	2 = Age 20-64	
	3 = Age 65 or over	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Br_Diabetes_AFD	At what age was your brother first diagnosed with diabetes or high blood	
	sugar?	
	1 = Age 19 or younger	
	2 = Age 20-64	
	3 = Age 65 or over	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

## Female reproductive variables

Variable Name	Question and Coding	Comments
AgeMenarche	How old were you when you had your first menstrual period?	
	Numeric value (years) from 6 to 30	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
EverPregnant	Have you ever been pregnant?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
TimesPregnant	How many times have you been pregnant? (even those that did not result in a	
	birth)	
	Numeric value from 1 to 20	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
GestDiabetes	Did you develop diabetes or high blood sugar during any of your pregnancies?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
NumBirths	How many of your pregnancies have resulted in a live birth?	
	Numeric value from 0 to 20	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
FirstBirth_Age	How old were you at the time you first gave birth?	
	Numeric value (years) from 10 to 60	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
LastBirth_Age	How old were you at the time you last gave birth?	
	Numeric value (years) from 10 to 60	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
MonthsBreastfed	How many months total did you breast feed?	Prior to CAPI version
	Numeric value (months) from 0 to 150	1.05, range extended to
	7777 = Not applicable	100. The range
	8888 = Refuse	increased to 150 in CAPI
	9999 = Don't know	versions 1.05 and higher.
TubalLigation	Did you ever have your tubes tied or have a tubal ligation?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
TubalLigation_Age	How old were you when you had your tubes tied?	Age range increased to
	Numeric value (years) from 10 to 70	70 in CAPI version 1.01
	7777 = Not applicable	and higher.
	8888 = Refuse	
	9999 = Don't know	
Menopause	Have you been through menopause, or have your menstrual periods stopped	
	for at least six months?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Menopause_Age	How old were you when your natural menstrual periods stopped?	Age range increased to
	Numeric value (years) from 10 to 70	70 in CAPI version 1.01
	7777 = Not applicable	and higher.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Menopause_Reason	Which of the following is the reason your periods stopped?	Reason 4 ("Some other
	1 = Natural menopause	reason") added in CAPI
	2 = Radiation, chemotherapy, or medication	versions 1.01 and higher.
	3 = Surgery that removed your womb or ovaries	
	4 = Some other reason	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Hysterectomy	Have you had your uterus (or womb) removed?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Hysterectomy_Age	At what age was your uterus (or womb) removed?	Age range increased to
	Numeric value (years) from 10 to 79	79 in CAPI version 1.01
	7777 = Not applicable	and higher.
	8888 = Refuse	
	9999 = Don't know	
Oophorectomy	Have you had one or both of your ovaries removed?	
	0 = None removed	
	1 = Yes, one ovary	
	2 = Yes, both ovaries	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Oophorectomy_Age	At what age were any ovaries removed?	Prior to CAPI version
	Numeric value (years) from 10 to 79	1.01, age range
	7777 = Not applicable	extended to 70. The
	8888 = Refuse	range increased to 79 in
	9999 = Don't know	CAPI version 1.01 and
		higher.

Variable Name	Question and Coding	Comments
HRT_Ever	Have you ever used female hormone replacement therapy that contains	
	estrogen and/or progesterone, for menopause? (this includes pills, patches,	
	creams, and injections)	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
HRT_Current	Are you currently taking hormone replacement therapy?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
HRT_LastUse	How many years ago did you last take hormone replacement therapy?	
	Numeric value (years) from 0.5 to 35	
	0.5 = Less than one year ago	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
HRT_AFU	How old were you when you first started taking hormone replacement	Prior to CAPI version
	therapy?	1.05, range extended to
	Numeric value (years) from 10 to 79	65. The range increased
	7777 = Not applicable	to 79 in CAPI versions
	8888 = Refuse	1.05 and higher.
	9999 = Don't know	
HRT_N	Number of hormone replacement therapy medications participant reported	
	taking. This variable was set to 0 for participants who answered the individual	
	medication questions with "Refuse" or "Don't Know".	
	Numeric value from 0 to 10	
	7777 = Not applicable	

New hormone replacement therapy medications were added to later CAPI versions (QuestionnaireVersion) when they were introduced to the market or grew in popularity; these variables will be coded as "7777 = Not applicable" for participants enrolled using earlier versions. Due to the ability to specify any hormone replacement therapy medication on the mailed survey, some medications are applicable only to Mail participants.

Variable Name	Question and Coding	Comments
Activella	Did the participant report taking Activella?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Alora	Did the participant report taking Alora (patch)?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Amen	Did the participant report taking Amen?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Aygestin	Did the participant report taking Aygestin?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Cenestin	Did the participant report taking Cenestin?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Climara	Did the participant report taking Climara (patch)?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
CombiPatch	Did the participant report taking Combi-Patch (patch)?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Cycrin	Did the participant report taking Cycrin?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Delestrogen	Did the participant report taking Delestrogen (injection)?	For hormone
	0 = No	replacement therapy;
	1 = Yes	this question was added
	7777 = Not applicable	beginning with CAPI
	8888 = Refuse	version 1.08.
	9999 = Don't know	
Depgynogen	Did the participant report taking Dep-Gynogen (injection)?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Depogen	Did the participant report taking Depogen (injection)?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Depoestradiol	Did the participant report taking Depo-Estradiol (injection)?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Diethylstilbestrol	Did the participant report taking Diethylstilbestrol?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Duphaston	Did the participant report taking Duphaston?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Esclim	Did the participant report taking Esclim (patch)?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Estinyl	Did the participant report taking Estinyl?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Estrace_Pill	Did the participant report taking Estrace (pill)?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Estrace_VaginalCream	Did the participant report taking Estrace (vaginal cream)?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Estraderm	Did the participant report taking Estraderm (patch)?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Estradiol	Did the participant report taking Estradiol?	For hormone
	0 = No	replacement therapy;
	1 = Yes	this question was added
	7777 = Not applicable	beginning with CAPI
	8888 = Refuse	version 1.08.
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Estradiol_Norethindrone	Did the participant report taking an Estradiol/Norethindrone combination?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Estrasorb	Did the participant report taking Estrasorb?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	888 = Refuse	
	9999 = Don't know	
Estratab	Did the participant report taking Estratab or Estratab HS?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Estratest	Did the participant report taking Estratest or Estratest HS?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Estring	Did the participant report taking Estring (ring)?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Estrogen	Did the participant report taking Estrogen?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Estrovis	Did the participant report taking Estrovis?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Evex	Did the participant report taking Evex?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Femhrt	Did the participant report taking Femhrt?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Femring	Did the participant report taking Femring?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Formatrix	Did the participant report taking Formatrix?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Gynetone	Did the participant report taking Gynetone?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Gynodiol	Did the participant report taking Gynodiol?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Gynorest	Did the participant report taking Gynorest?	For hormone
•	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
HerbalBionaturalSoy	Did the participant report taking an herbal, biodentical, natural, or soy	For hormone
•	preparation?	replacement therapy
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Hormonin	Did the participant report taking Hormonin?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Medroxyprogesterone	Did the participant report taking Medroxyprogesterone?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Menest	Did the participant report taking Menest?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Menogen	Did the participant report taking Menogen or Menogen HS?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Menrium	Did the participant report taking Menrium?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Milprem	Did the participant report taking Milprem?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Norethindrone	Did the participant report taking Norethindrone?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Norlutate	Did the participant report taking Norlutate?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Norlutin	Did the participant report taking Norlutin?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Ogen_Pill	Did the participant report taking Ogen (pill)?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Ogen_VaginalCream	Did the participant report taking Ogen (vaginal cream)?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
OrthoDienestrol	Did the participant report taking Ortho-Dienestrol (vaginal cream)?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
OrthoEst	Did the participant report taking Ortho-Est?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
OrthoPrefest	Did the participant report taking Ortho-Prefest?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
OsCalMone	Did the participant report taking Os-Cal Mone?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Premarin	Did the participant report taking Premarin or Premarin MT?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Premphase	Did the participant report taking Premphase?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Prempro	Did the participant report taking Prempro?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Progesterone	Did the participant report taking Progesterone?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Prometrium	Did the participant report taking Prometrium?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Provera	Did the participant report taking Provera?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
SkEstrogens	Did the participant report taking SK-Estrogens?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Syntest	Did the participant report taking Syntest?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Tace	Did the participant report taking Tace?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Vagifem	Did the participant report taking Vagifem (vaginal tablets)?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Vallestril	Did the participant report taking Vallestril?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Vivelle	Did the participant report taking Vivelle or Vivelle-Dot (patch)?	For hormone
	0 = No	replacement therapy
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
OtherHRT	Did the participant report taking other hormone replacement therapy	For hormone
	preparations?	replacement therapy
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
OC_Ever	Did you ever use birth control pills?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
OC_AFU	How old were you when you first started using birth control pills?	
	Numeric value (years) from 10 to 60	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
OC_Yrs	For how many years have you used birth control pills in total?	
	Numeric value (years) from 0.5 to 40	
	0.5 = Less than one year	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

## Analgesic exposure

Variable Name	Question and Coding	Comments
LowAspirin	In the past year, have you taken the following medication regularly? Low-dose	"Regularly" means at
	aspirin, baby aspirin, or half tablets of aspirin (to prevent heart disease or strokes)	least two times per week
	0 = No	for one month or more.
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
LowAspirin_Yrs	How many years have you taken low-dose aspirin, baby aspirin, or half tablets of	"Regularly" means at
	aspirin regularly?	least two times per week
	Numeric value (years) from 0.5 to 50	for one month or more.
	0.5 = Less than one year	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
LowAspirin_PillsPerWk	When you took low-dose aspirin, baby aspirin, or half tablets of aspirin regularly,	"Regularly" means at
	what is the average number of pills you took per week?	least two times per week
	Numeric value from 2 to 80	for one month or more.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Aspirin	In the past year, have you taken the following medication regularly? Regular	"Regularly" means at
	aspirin (such as Anacin, Bayer, Bufferin, Excedrin, etc.)	least two times per week
	0 = No	for one month or more.
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
Aspirin_Yrs	How many years have you taken regular aspirin regularly?	"Regularly" means at
	Numeric value (years) from 0.5 to 50	least two times per week
	0.5 = Less than one year	for one month or more.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Aspirin_PillsPerWk	When you took regular aspirin regularly, what is the average number of pills you	"Regularly" means at
	took per week?	least two times per week
	Numeric value from 2 to 80	for one month or more.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Acetaminophen	In the past year, have you taken the following medication regularly?	Removed "Panadol",
	Acetaminophen (such as Tylenol)	"Anacin-3" and "etc."
	0 = No	from description in CAPI
	1 = Yes	version 1.01 and higher
	8888 = Refuse	
	9999 = Don't know	"Regularly" means at
		least two times per week
		for one month or more.
Acetaminophen_Yrs	How many years have you taken acetaminophen regularly?	"Regularly" means at
	Numeric value (years) from 0.5 to 50	least two times per week
	0.5 = Less than one year	for one month or more.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Acetaminophen_PillsPerWk	When you took acetaminophen regularly, what is the average number of pills you	"Regularly" means at
	took per week?	least two times per week
	Numeric value from 2 to 80	for one month or more.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
OTCNSAIDS	In the past year, have you taken the following medication regularly? Advil, Motrin,	"Regularly" means at
	Aleve, Ibuprofen, or other over-the-counter pain relievers	least two times per week
	0 = No	for one month or more.
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
OTCNSAIDS_Yrs	How many years have you taken Advil, Motrin, Aleve, Ibuprofen, or other over-	"Regularly" means at
	the-counter pain relievers regularly?	least two times per week
	Numeric value (years) from 0.5 to 50	for one month or more.
	0.5 = Less than one year	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
OTCNSAIDS_PillsPerWk	When you took Advil, Motrin, Aleve, Ibuprofen, or other over-the-counter pain	"Regularly" means at
	relievers regularly, what is the average number of pills you took per week?	least two times per week
	Numeric value from 2 to 80	for one month or more.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
RxNSAIDS	In the past year, have you taken the following medication regularly? The	"Regularly" means at
	prescription drugs Celebrex, Vioxx, or Bextra	least two times per week
	0 = No	for one month or more.
	1 = Yes	This question was added
	7777 = Not applicable	beginning with CAPI
	8888 = Refuse	version 1.10.
	9999 = Don't know	
RxNSAIDS_Yrs	How many years have you taken Celebrex, Vioxx, or Bextra?	"Regularly" means at
	Numeric value (years) from 0.5 to 10	least two times per week
	0.5 = Less than one year	for one month or more.
	7777 = Not applicable	This question was added
	8888 = Refuse	beginning with CAPI
	9999 = Don't know	version 1.10.
RxNSAIDS_PillsPerWk	When you took Celebrex, Vioxx, or Bextra regularly, what is the average number of	"Regularly" means at
	pills you took per week?	least two times per week
	Numeric value from 2 to 80	for one month or more.
	7777 = Not applicable	This question was added
	8888 = Refuse	beginning with CAPI
	9999 = Don't know	version 1.10.

## Anti-depressant or anti-anxiety medication use

Variable Name	Question and Coding	Comments
New anti-depressant or a	anti-anxiety medications were added to later CAPI versions (QuestionnaireVersion) when	they were introduced to
the market or grew in po	pularity; these variables will be coded as "7777 = Not applicable" for participants enrolled	d using earlier versions.
Due to the ability to spec	ify any anti-depressant or anti-anxiety medication on the mailed survey, some medication	ns are applicable only to
Mail participants.		
AntidepAnxietyMed	Are you currently taking any anti-depressant or anti-anxiety prescription medication,	
	such as Prozac, Zoloft, Paxil, or Buspar?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
AntidepAnxietyMed_N	Number of anti-depressant or anti-anxiety medications participant reported taking.	
	This variable was set to 0 for participants who answered the individual medication	
	questions with "Refuse" or "Don't Know".	
	Numeric value from 0 to 10	
	7777 = Not applicable	
Abilify	Did the participant report taking Abilify?	This question was added
•	0 = No	beginning with CAPI
	1 = Yes	version 1.08.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Adapin	Did the participant report taking Adapin?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Alepam	Did the participant report taking Alepam?	
•	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Alprazolam	Did the participant report taking Alprazolam?	Mail participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Ambien	Did the participant report taking Ambien?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Amitriptyline	Did the participant report taking Amitriptyline?	Mail participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Anafranil	Did the participant report taking Anafranil?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Asendin	Did the participant report taking Asendin?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Atarax	Did the participant report taking Atarax?	This question was added
	0 = No	beginning with CAPI
	1 = Yes	version 1.08.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Ativan	Did the participant report taking Ativan?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Aventyl	Did the participant report taking Aventyl?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Bupropion	Did the participant report taking Bupropion?	Mail participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Buspar	Did the participant report taking Buspar?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Buspirone	Did the participant report taking Buspirone?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Butisol	Did the participant report taking Butisol?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Celexa	Did the participant report taking Celexa?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Centrax	Did the participant report taking Centrax?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Citalopram	Did the participant report taking Citalopram?	Mail participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Clomipramine	Did the participant report taking Clomipramine?	Mail participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Clonazepam	Did the participant report taking Clonazepam?	Mail participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Clorazepate	Did the participant report taking Clorazepate?	Mail participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Cogentin	Did the participant report taking Cogentin?	This question was added
	0 = No	beginning with CAPI
	1 = Yes	version 1.08.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Cymbalta	Did the participant report taking Cymbalta?	This question was added
	0 = No	beginning with CAPI
	1 = Yes	version 1.13.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Dalmane	Did the participant report taking Dalmane?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Depakote	Did the participant report taking Depakote or Depakote ER?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Desipramine	Did the participant report taking Desipramine?	Mail participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Desyrel	Did the participant report taking Desyrel?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Diazepam	Did the participant report taking Diazepam?	Mail participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Dilantin	Did the participant report taking Dilantin?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Doxepin	Did the participant report taking Doxepin?	Mail participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Effexor	Did the participant report taking Effexor?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Elavil	Did the participant report taking Elavil?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Endep	Did the participant report taking Endep?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Equanil	Did the participant report taking Equanil?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Eskalith	Did the participant report taking Eskalith?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Etrafon	Did the participant report taking Etrafon?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Fluoxetine	Did the participant report taking Fluoxetine?	Mail participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Gabapentin	Did the participant report taking Gabapentin?	Mail participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Geodon	Did the participant report taking Geodon?	This question was added
	0 = No	beginning with CAPI
	1 = Yes	version 1.12.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Halcion	Did the participant report taking Halcion?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Hydroxyzine	Did the participant report taking Hydroxyzine?	Mail participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Imipramine	Did the participant report taking Imipramine?	Mail participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Klonopin	Did the participant report taking Klonopin?	
·	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Lamictal	Did the participant report taking Lamictal?	This question was added
	0 = No	beginning with CAPI
	1 = Yes	version 1.14.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Lexapro	Did the participant report taking Lexapro?	This question was added
	0 = No	beginning with CAPI
	1 = Yes	version 1.08.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Librium	Did the participant report taking Librium?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Limbitrol	Did the participant report taking Limbitrol?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Lithium	Did the participant report taking Lithium?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Lithobid	Did the participant report taking Lithobid?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Lithonate	Did the participant report taking Lithonate?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Lithotabs	Did the participant report taking Lithotabs?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Lorazepam	Did the participant report taking Lorazepam?	Mail participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Loxitane	Did the participant report taking Loxitane?	This question was added
	0 = No	beginning with CAPI
	1 = Yes	version 1.13.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Ludiomil	Did the participant report taking Ludiomil?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Marplan	Did the participant report taking Marplan?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Miltown	Did the participant report taking Miltown?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mirtazapine	Did the participant report taking Mirtazapine?	Mail participants only.
•	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Murelax	Did the participant report taking Murelax?	This question was added
	0 = No	beginning with CAPI
	1 = Yes	version 1.16.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Mysoline	Did the participant report taking Mysoline?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Nardil	Did the participant report taking Nardil?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Nefazodone	Did the participant report taking Nefazodone?	Mail participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Neurontin	Did the participant report taking Neurontin?	This question was added
	0 = No	beginning with CAPI
	1 = Yes	version 1.13.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Norpramin	Did the participant report taking Norpramin?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Nortriptyline	Did the participant report taking Nortriptyline?	Mail participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Olanzapine	Did the participant report taking Olanzapine?	Mail participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Oxascand	Did the participant report taking Oxascand?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Oxazepam	Did the participant report taking Oxazepam?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Pamelor	Did the participant report taking Pamelor?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Parnate	Did the participant report taking Parnate?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Paroxetine	Did the participant report taking Paroxetine?	Mail participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Paxil	Did the participant report taking Paxil?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Phenobarbital	Did the participant report taking Phenobarbital?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Phenytek	Did the participant report taking Phenytek?	Mail participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Prozac	Did the participant report taking Prozac?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Remeron	Did the participant report taking Remeron?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Restoril	Did the participant report taking Restoril?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Rezine	Did the participant report taking Rezine?	This question was added
	0 = No	beginning with CAPI
	1 = Yes	version 1.08.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Risperdal	Did the participant report taking Risperdal?	This question was added
	0 = No	beginning with CAPI
	1 = Yes	version 1.08.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Sarafem	Did the participant report taking Sarafem?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Serax	Did the participant report taking Serax?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Serepax	Did the participant report taking Serepax?	This question was added
	0 = No	beginning with CAPI
	1 = Yes	version 1.16.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Seresta	Did the participant report taking Seresta?	This question was added
	0 = No	beginning with CAPI
	1 = Yes	version 1.16.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Seroquel	Did the participant report taking Seroquel?	This question was added
	0 = No	beginning with CAPI
	1 = Yes	version 1.08.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Sertraline	Did the participant report taking Sertraline?	Mail participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Serzone	Did the participant report taking Serzone?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Sinequan	Did the participant report taking Sinequan?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Sobril	Did the participant report taking Sobril?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Solfoton	Did the participant report taking Solfoton?	This question was added
	0 = No	beginning with CAPI
	1 = Yes	version 1.08.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Stelazine	Did the participant report taking Stelazine?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Strattera	Did the participant report taking Strattera?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Surmontil	Did the participant report taking Surmontil?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Tegratol	Did the participant report taking Tegratol?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Temazepam	Did the participant report taking Temazepam?	Mail participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Thorazine	Did the participant report taking Thorazine?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Tofranil	Did the participant report taking Tofranil?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Topamax	Did the participant report taking Topamax?	This question was added
	0 = No	beginning with CAPI
	1 = Yes	version 1.08.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Tranxene	Did the participant report taking Tranxene?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Trazodone	Did the participant report taking Trazodone?	Mail participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Triavil	Did the participant report taking Triavil?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Trilafon	Did the participant report taking Trilafon?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Trileptal	Did the participant report taking Trileptal?	This question was added
	0 = No	beginning with CAPI
	1 = Yes	version 1.13.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Valium	Did the participant report taking Valium?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
ValproicAcid	Did the participant report taking Valproic Acid?	Mail participants only.
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Versed	Did the participant report taking Versed?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Vistaril	Did the participant report taking Vistaril?	This question was added
	0 = No	beginning with CAPI
	1 = Yes	version 1.08.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Vivactil	Did the participant report taking Vivactil?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Wellbutrin	Did the participant report taking Wellbutrin?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Xanax	Did the participant report taking Xanax?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Zoloft	Did the participant report taking Zoloft?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Zyprexa	Did the participant report taking Zyprexa?	This question was added
	0 = No	beginning with CAPI
	1 = Yes	version 1.08.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
OtherAntidepAnxietyMed	Did the participant report taking any other anti-depressant or anti-anxiety	
	medication?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

# **Psychosocial variables**

Variable Name	Question and Coding	Comments
CESD10_Happy	How often did you feel this way during the past week? I was happy	
	1 = Rarely or none of the time	
	2 = Some of the time	
	3 = Much of the time	
	4 = Most or all of the time	
	8888 = Refuse	
	9999 = Don't know	
CESD10_Lonely	How often did you feel this way during the past week? I felt lonely	
	1 = Rarely or none of the time	
	2 = Some of the time	
	3 = Much of the time	
	4 = Most or all of the time	
	8888 = Refuse	
	9999 = Don't know	
CESD10_NotGetGoing	How often did you feel this way during the past week? I could not get "going"	
	1 = Rarely or none of the time	
	2 = Some of the time	
	3 = Much of the time	
	4 = Most or all of the time	
	8888 = Refuse	
	9999 = Don't know	
CESD10_Bothered	How often did you feel this way during the past week? I was bothered by things that	
	usually don't bother me	
	1 = Rarely or none of the time	
	2 = Some of the time	
	3 = Much of the time	
	4 = Most or all of the time	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
CESD10_MindOn	How often did you feel this way during the past week? I had trouble keeping my	
	mind on what I was doing	
	1 = Rarely or none of the time	
	2 = Some of the time	
	3 = Much of the time	
	4 = Most or all of the time	
	8888 = Refuse	
	9999 = Don't know	
CESD10_Depressed	How often did you feel this way during the past week? I was depressed	
	1 = Rarely or none of the time	
	2 = Some of the time	
	3 = Much of the time	
	4 = Most or all of the time	
	8888 = Refuse	
	9999 = Don't know	
CESD10_WasEffort	How often did you feel this way during the past week? I felt that everything I did was	
	an effort	
	1 = Rarely or none of the time	
	2 = Some of the time	
	3 = Much of the time	
	4 = Most or all of the time	
	8888 = Refuse	
	9999 = Don't know	
CESD10_Hopeful	How often did you feel this way during the past week? I felt hopeful about the	
	future	
	1 = Rarely or none of the time	
	2 = Some of the time	
	3 = Much of the time	
	4 = Most or all of the time	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
CESD10_Fearful	How often did you feel this way during the past week? I felt fearful	
	1 = Rarely or none of the time	
	2 = Some of the time	
	3 = Much of the time	
	4 = Most or all of the time	
	8888 = Refuse	
	9999 = Don't know	
CESD10_Restless	How often did you feel this way during the past week? My sleep was restless	
	1 = Rarely or none of the time	
	2 = Some of the time	
	3 = Much of the time	
	4 = Most or all of the time	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
CESD10_Score	If none of the 10 CESD questions contain a missing, "Refuse", or "Don't Know" value,	
	CESD10_Score is the sum of the score for the 10 questions <sup>1</sup> ; otherwise,	
	CESD10_Score is missing. Numeric value from 0 to 30.	
	Positive questions (CESD10_Happy, CESD10_Hopeful) were assigned the following scores:	
	3 = Rarely or none of the time	
	2 = Some of the time	
	1 = Much of the time	
	0 = Most or all of the time	
	Negative questions (CESD10_Lonely, CESD10_NotGetGoing, CESD10_Bothered, CESD10_MindOn, CESD10_Depressed, CESD10_WasEffort, CESD10_Fearful,	
	CESD10_Restless) were assigned the following scores:	
	0 = Rarely or none of the time	
	1 = Some of the time	
	2 = Much of the time	
	3 = Most or all of the time	
	<sup>1</sup> Andresen EM, Malmgren JA, Carter WB, et al. Screening for depression in well older adults: evaluation of a short form of the CES-D (Center for Epidemiologic Studies Depression Scale). <i>Am J Prev Med</i> . 1994;10:77–84.	
UnableToControl	In the past month, how often have you felt that you were unable to control the	
onable rocontrol	important things in your life?	
	1 = Rarely or none of the time	
	2 = Some of the time	
	3 = Much of the time	
	4 = Most or all of the time	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Difficulties	In the past month, how often have you felt difficulties were piling up so high that	
	you could not overcome them?	
	1 = Rarely or none of the time	
	2 = Some of the time	
	3 = Much of the time	
	4 = Most or all of the time	
	8888 = Refuse	
	9999 = Don't know	
CloseFriendsOrRelatives	How many close friends or relatives would help you with your emotional problems	Prior to CAPI version
	or feelings if you need it?	1.05, range extended to
	Numeric value from 0 to 50	20. The range increased
	8888 = Refuse	to 50 in CAPI versions
	8888 = Refuse	1.05 and higher.
	9999 = Don't know	
HelpinEmergency	How many people could you ask for help in an emergency or with lending you	Prior to CAPI version
	money?	1.05, range extended to
	Numeric value from 0 to 50	20. The range increased
	8888 = Refuse	to 50 in CAPI versions
	8888 = Refuse	1.05 and higher.
	9999 = Don't know	

## **Religiosity variables**

Variable Name	Question and Coding	Comments
Faith_Service	How often do you attend religious or faith services during the year?	
	1 = Never	
	2 = On major holy days or holidays only	
	3 = More than 4 times per year, but not every week	
	4 = Once per Week	
	5 = More than once per week	
	8888 = Refuse	
	9999 = Don't know	
Spiritual	How spiritual or religious to you consider yourself to be?	This question was
	1 = Very	added beginning with
	2 = Fairly	CAPI version 1.07.
	3 = Slightly	Previously, this
	4 = Not at all	question was "How
	8888 = Refuse	religious do you
	9999 = Don't Know	consider yourself to
		be".
Faith_Comfort	How much is religion, faith, or God a source of strength and comfort to you?	
	1 = Not very much	
	2 = Somewhat	
	3 = Quite a bit	
	4 = A great deal	
	8888 = Refuse	
	9999 = Don't know	

### **Health insurance and health services**

Variable Name	Question and Coding	Comments
InsuranceCoverage	Are you covered by any type of health insurance including private	
	insurance, Medicare, or Medicaid?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
Medicaid	Did the participant report having Medicaid or medical assistance?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Medicare	Did the participant report having Medicare?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
PrivateInsurance	Did the participant report having private insurance or employer health	
	insurance?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
MilitaryInsurance	Did the participant report having CHAMPUS, Tricare, CHAMPVA, V.A., or	Tricare was added
	military health insurance?	with CAPI version
	0 = No	1.10.
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

OtherInsurance	Did the participant report having other health insurance?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
LastDoctor_Months	Prior to your visit at this health clinic today, when was your last visit to a	
	doctor or other medical person?	
	Numeric value (months) from 0 to 960	
	6666 = Never	
	8888 = Refuse	
	9999 = Don't know	
LastDentist_Months	Prior to today, when was your last visit to a dentist?	
	Numeric value (months) from 0 to 960	
	6666 = Never	
	8888 = Refuse	
	9999 = Don't know	
AltMedicine	Did you visit an "alternative medicine" or "complementary medicine"	
	practitioner during the past year? (such as a chiropractor, massage	
	therapist, herbalist, acupuncturist, traditional healer, etc.)	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	

## **Cancer screening variables**

Variable Name	Question and Coding	Comments
BSE_PastYr	In the past year, how many times did you practice breast self-examination?	Prior to CAPI version
	Numeric value from 0 to 50	1.05, range extended to
	7777 = Not applicable	20. The range
	8888 = Refuse	increased to 50 in CAPI
	9999 = Don't know	versions 1.05 and
		higher.
Pap_Ever	Have you ever had a pap smear?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Pap_Yrs	When was your last pap smear?	
. —	Numeric value representing years ago	
	0.5 = Less than one year ago	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mammo_Ever	Have you ever had a mammogram?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mammo_Yrs	When was your last mammogram?	
	Numeric value representing years ago	
	0.5 = Less than one year ago	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Sigmoidoscopy_Ever	Have you ever had a sigmoidoscopy?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
Sigmoidoscopy_Yrs	When was your last sigmoidoscopy?	
	Numeric value representing years ago	
	0.5 = Less than one year ago	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Colonoscopy_Ever	Have you ever had a colonoscopy?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
Colonoscopy_Yrs	When was your last colonoscopy?	
	Numeric value representing years ago	
	0.5 = Less than one year ago	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
DRE_Ever	Have you ever had a digital rectal exam?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
DRE_Yrs	When was your last digital rectal exam?	
	Numeric value representing years ago	
	0.5 = Less than one year ago	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
PSA_Ever	Have you ever had a PSA blood test?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
PSA_Yrs	When was your last PSA blood test?	
	Numeric value representing years ago	
	0.5 = Less than one year ago	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Pap_NotRecommended	Did participant not have a Pap smear recently because her doctor did not	
	recommend it?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Pap_Forgot	Did participant not have a Pap smear recently because she forgot to do it?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Pap_FearCancer	Did participant not have a Pap smear recently because she was afraid of finding	
	cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Pap_Busy	Did participant not have a Pap smear recently because she put it off or was too	
	busy?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Pap_Embarassment	Did participant not have a Pap smear recently because of the embarrassment?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Pap_Cost	Did participant not have a Pap smear recently because of the cost?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Pap_Discomfort	Did participant not have a Pap smear recently because of the pain or discomfort	
	that she might experience during this test?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Pap_NoneApply	Did participant not have a Pap smear recently for reasons other than the ones	
	above?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Mammo_NotRecommended	Did participant not have a mammogram recently because her doctor did not	
	recommend it?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mammo_Forgot	Did participant not have a mammogram recently because she forgot to do it?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mammo_FearCancer	Did participant not have a mammogram recently because she was afraid of	
	finding cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mammo_Busy	Did participant not have a mammogram recently because she put it off or was	
	too busy?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mammo_Embarassment	Did participant not have a mammogram recently because of the	
	embarrassment?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Mammo_Cost	Did participant not have a mammogram recently because of the cost?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mammo_Discomfort	Did participant not have a mammogram recently because of the pain or	
	discomfort that she might experience during this test?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Mammo_NoneApply	Did participant not have a mammogram recently for reasons other than the	
	ones above?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
SigCol_NotRecommended	Did participant not have a sigmoidoscopy or colonoscopy recently because	
	his/her doctor did not recommend it?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
SigCol_Forgot	Did participant not have a sigmoidoscopy or colonoscopy recently because	
	he/she forgot to do it?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
SigCol_FearCancer	Did participant not have a sigmoidoscopy or colonoscopy recently because	
	he/she was afraid of finding cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
SigCol_Busy	Did participant not have a sigmoidoscopy or colonoscopy recently because	
	he/she put it off or was too busy?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
SigCol_Embarassment	Did participant not have a sigmoidoscopy or colonoscopy recently because of	
	the embarrassment?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
SigCol_Cost	Did participant not have a sigmoidoscopy or colonoscopy recently because of	
	the cost?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
SigCol_Discomfort	Did participant not have a sigmoidoscopy or colonoscopy recently because of	
_	the pain or discomfort that he/she might experience during this test?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
SigCol_NoneApply	Did participant not have a sigmoidoscopy or colonoscopy recently for reasons	
	other than the ones above?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
DRE_NotRecommended	Did participant not have a digital rectal exam recently because his doctor did not	
_	recommend it?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
DRE_Forgot	Did participant not have a digital rectal exam recently because he forgot to do	
_ 5	it?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
DRE_FearCancer	Did participant not have a digital rectal exam recently because he was afraid of	
_	finding cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
DRE_Busy	Did participant not have a digital rectal exam recently because he put it off or	
,	was too busy?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
DRE_Embarassment	Did participant not have a digital rectal exam recently because of the	
	embarrassment?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
DRE_Cost	Did participant not have a digital rectal exam recently because of the cost?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
DRE_Discomfort	Did participant not have a digital rectal exam recently because of the pain or	
	discomfort that he might experience during this test?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
DRE_NoneApply	Did participant not have a digital rectal exam recently for reasons other than the	
	ones above?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
PSA_NotRecommended	Did participant not have a PSA blood test recently because his doctor did not	
	recommend it?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
PSA_Forgot	Did participant not have a PSA blood test recently because he forgot to do it?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
PSA_FearCancer	Did participant not have a PSA blood test recently because he was afraid of	
	finding cancer?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
PSA_Busy	Did participant not have a PSA blood test recently because he put it off or was	
_ ,	too busy?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
PSA_Embarassment	Did participant not have a PSA blood test recently because of the	
_	embarrassment?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
PSA_Cost	Did participant not have a PSA blood test recently because of the cost?	
_	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
PSA Discomfort	Did participant not have a PSA blood test recently because of the pain or	
	discomfort that he might experience during this test?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
PSA_NoneApply	Did participant not have a PSA blood test recently for reasons other than the	
	ones above?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

### **Seat belt variables**

Variable Name	Question and Coding	Comments
DriveOrRide	When you are in a vehicle, are you more likely to drive or ride?	
	1 = Drive	
	2 = Ride	
	8888 = Refuse	
	9999 = Don't know	
SeatBelt	How often do you use seat belts?	
	1 = All of the time	
	2 = Most of the time	
	3 = Some of the time	
	4 = None of the time	
	8888 = Refuse	
	9999 = Don't know	
SB_HardToFasten	Participant reports not wearing a seat belt because it is hard to fasten.	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
SB_Wrinkle	Participant reports not wearing a seat belt because it wrinkles his/her clothes.	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
SB_Restricts	Participant reports not wearing a seat belt because it restricts his/her	
	movement.	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
SB_Uncomfortable	Participant reports not wearing a seat belt because it is uncomfortable.	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
SB_Forget	Participant reports not wearing a seat belt because he/she forgets to put it on.	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
SB_GetOut	Participant reports not wearing a seat belt because it makes it hard to get out of	
	the car if there is an accident.	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
SB_ShortDistance	Participant reports not wearing a seat belt because he/she is only going a short	
_	distance.	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
SB_Rush	Participant reports not wearing a seat belt because he/she is in a rush.	
_	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
SB_NoneApply	Participant reports not wearing a seat belt for reasons other than those listed	
	above.	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

## **Occupational variables**

Variable Name	Question and Coding	Comments
LongestJobType	What type of job did you have for the longest period of time during your adult	
	life?	
	1 = Laborer, including construction worker	
	2 = Farmer or farm worker	
	3 = Professional/technician (physician, registered nurse, nurse aide, dentist,	
	dental hygienist, pharmacist, physician assistant, laboratory technician,	
	chemist, research assistant, dietician, lawyer, legal assistant, engineer,	
	drafter, accountant)	
	4 = Anyone in a supervisory position (general and operations manager,	
	purchasing manager, education administrator, sales manager)	
	5 = Sales worker (retail salesperson, cashier, insurance sales agent, advertising	
	sales agent, travel agent, real estate agent, telemarketer, car dealer)	
	6 = Small business owner	
	7 = Clerical worker (secretary/administrative assistant, receptionist,	
	switchboard/telephone operator, accounting/bookkeeping clerk, postal	
	service worker (excluding mailman), office clerk, word processor/typist,	
	customer service representative, stock clerk)	
	8 = Personal service worker (entertainment attendant, funeral service worker,	
	hairdresser, cosmetologist, manicurist, flight attendant, child care worker,	
	home care worker, fitness trainer/aerobics instructor, animal care worker)	
	9 = Craftsperson (woodworker, cabinetmaker, carpenter, tradesperson)	
	10 = Factory worker or machine operator	
	11 = Transportation worker or driver (truck driver, bus driver, taxi driver,	
	ambulance attendant, service station attendant, rail transportation	
	workers, water transportation workers, pilot, air traffic controller, material	
	moving workers, mailman)	
	12 = Food preparation and service worker (cook, waiter/waitress, bartender,	
	dishwasher, fast food worker)	
	13 = Protective service worker (firefighter, police officer, security guard,	
	lifeguard)	
	14 = Community/social services worker (social worker, counselor, health	
	educator, probation officer, clergy/religious worker)	
	15 = Educator/trainer/librarian (teacher assistant, teacher, professor, librarian,	

Variable Name	Question and Coding	Comments
	trainer/instructor of any kind)	
	16 = Maintenance and repair worker (home appliance repairer, vehicle and	
	mobile equipment mechanic, electrician, plumber)	
	17 = Military officer or enlisted person	
	18 = Housewife	
	19 = I have never worked	
	20 = Some other type of job	
	8888 = Refuse	
Employed	Are you currently working?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
CurrentJobType	What type of job?	
	1 = Laborer, including construction worker	
	2 = Farmer or farm worker	
	3 = Professional/technician (physician, registered nurse, nurse aide, dentist,	
	dental hygienist, pharmacist, physician assistant, laboratory technician,	
	chemist, research assistant, dietician, lawyer, legal assistant, engineer,	
	drafter, accountant)	
	4 = Anyone in a supervisory position (general and operations manager,	
	purchasing manager, education administrator, sales manager)	
	5 = Sales worker (retail salesperson, cashier, insurance sales agent, advertising	
	sales agent, travel agent, real estate agent, telemarketer, car dealer)	
	6 = Small business owner	
	7 = Clerical worker (secretary/administrative assistant, receptionist,	
	switchboard/telephone operator, accounting/bookkeeping clerk, postal	
	service worker (excluding mailman), office clerk, word processor/typist,	
	customer service representative, stock clerk)	
	8 = Personal service worker (entertainment attendant, funeral service worker,	
	hairdresser, cosmetologist, manicurist, flight attendant, child care worker,	
	home care worker, fitness trainer/aerobics instructor, animal care worker)	
	9 = Craftsperson (woodworker, cabinetmaker, carpenter, tradesperson)	
	10 = Factory worker or machine operator	
	11 = Transportation worker or driver (truck driver, bus driver, taxi driver,	

Variable Name	Question and Coding	Comments
	ambulance attendant, service station attendant, rail transportation	
	workers, water transportation workers, pilot, air traffic controller, material	
	moving workers, mailman)	
	12 = Food preparation and service worker (cook, waiter/waitress, bartender,	
	dishwasher, fast food worker)	
	13 = Protective service worker (firefighter, police officer, security guard, lifeguard)	
	14 = Community/social services worker (social worker, counselor, health educator, probation officer, clergy/religious worker)	
	15 = Educator/trainer/librarian (teacher assistant, teacher, professor, librarian, trainer/instructor of any kind)	
	16 = Maintenance and repair worker (home appliance repairer, vehicle and mobile equipment mechanic, electrician, plumber)	
	17 = Military officer or enlisted person	
	18 = Housewife	
	19 = Some other type of job	
	7777 = Not applicable	
	8888 = Refuse	
AutoRepair	Participant has been employed in automotive repair for 10 years or longer	
·	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
ChemicalManufUse	Participant has been employed in chemical production or use for 10 years or	
	longer	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
Construction	Participant has been employed in construction for 10 years or longer	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	

Variable Name	Question and Coding	Comments
TextileProcessing	Participant has been employed in cotton, wool, or textile processing for 10 years	
	or longer	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
DryCleaning	Participant has been employed in dry cleaning for 10 years or longer	
, -	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
Farming	Participant has been employed in farming for 10 years or longer	
O .	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
Woodworking	Participant has been employed in furniture making or woodworking for 10 years	
	or longer	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
GasRefining	Participant has been employed in gasoline refining or redistribution for 10 years	
	or longer	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
Hairdressing	Participant has been employed in hairdressing for 10 years or longer	
•	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	

Variable Name	Question and Coding	Comments
MetalProcessing	Participant has been employed in metal production or processing for 10 years or	
	longer	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
Military	Participant has been employed in the military for 10 years or longer	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
MiningCementManuf	Participant has been employed in mining, quarrying, rock crushing, or cement	
_	manufacturing for 10 years or longer	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
Nursing	Participant has been employed in nursing for 10 years or longer	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
PaintManufUse	Participant has been employed in paint production or use for 10 years or longer	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
PaperMill	Participant has been employed in paper or pulp mill work for 10 years or longer	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	

Variable Name	Question and Coding	Comments
PesticideManufUse	Participant has been employed in pesticide production or use for 10 years or	
	longer	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
PlasticProcessing	Participant has been employed in plastic production or processing for 10 years	
	or longer	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
RubberManuf	Participant has been employed in rubber or tire manufacturing for 10 years or	
	longer	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
Shipyard	Participant has been employed in shipyard work for 10 years or longer	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
NPB_SCORE	Nam-Powers-Boyd (NPB) occupational status scores represent the	Nam CB, Boyd M.
	socioeconomic standing of an occupation. They were derived from the SCCS	Occupational status in
	questionnaire reported longest held occupation (LongestJobType) by assigning	2000: over a century of
	the average of the scores for the individual job examples in that category.	census-based
		measurement. Popul
	Numeric value from 1 (lowest) to 100 (highest)	Res Policy Rev
		2004;23:327-58.
NPB_CAT	Categorize Nam-Powers-Boyd (NPB) scores in approximate quartiles.	
	Numeric value from 1 to 4	

## **Dietary variables**

Variable Name	Question and Coding	Comments
MeatPerDay	How many times per day did you typically eat: meat, sandwiches made with	
	meat, meat in mixed dishes, or eggs?	
	Numeric value from 0.5 to 15	
	0.5 = Less than once per day	
	8888 = Refuse	
	9999 = Don't know	
BreadPerDay	How many times per day did you typically eat: breads, cereals, rice, potatoes, or	
	pastas?	
	Numeric value from 0.5 to 15	
	0.5 = Less than once per day	
	8888 = Refuse	
	9999 = Don't know	
DessertPerDay	How many times per day did you typically eat: desserts, candy, cookies, sweets,	
	or salty snacks?	
	Numeric value from 0.5 to 15	
	0.5 = Less than once per day	
	8888 = Refuse	
	9999 = Don't know	
DairyPerDay	How many times per day did you typically eat: milk, cheese, ice cream, yogurt,	
	or other dairy products?	
	Numeric value from 0.5 to 15	
	0.5 = Less than once per day	
	8888 = Refuse	
	9999 = Don't know	
VegPerDay	How many times per day did you typically eat: vegetables?	
	Numeric value from 0.5 to 15	
	0.5 = Less than once per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
FruitPerDay	How many times per day did you typically eat: fruits or drink fruit juices?	
	Numeric value from 0.5 to 15	
	0.5 = Less than once per day	
	8888 = Refuse	
	9999 = Don't know	
SweetBevPerDay	How many times per day did you typically drink a glass, can, or bottle of: soft	
	drinks, kool aid, or other sweetened drinks?	
	Numeric value from 0.5 to 15	
	0.5 = Less than once per day	
	8888 = Refuse	
	9999 = Don't know	
WaterPerDay	How many times per day did you typically drink a glass or bottle of: water?	Prior to CAPI version
	Numeric value from 0.5 to 25	1.05, range extended to
	0.5 = Less than once per day	15. The range increased
	8888 = Refuse	to 25 in CAPI versions
	9999 = Don't know	1.05 and higher.

## Food frequency questionnaire variables

Variable Name	Question and Coding	Comments
Bananas	How often did you eat this food over the past year? Bananas?	Prior to CAPI version
	1 = Never	1.02, "Don't know" was
	2 = Rarely	not accepted as an
	3 = Once per month	answer. "Don't know"
	4 = 2-3 times per month	is a valid answer in
	5 = Once per week	CAPI versions 1.02 and
	6 = 2-3 times per week	higher.
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
BananasSeasonal	Participant reported eating bananas seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
ApplesPears	How often did you eat this food over the past year? Apples, pears, or apple	Prior to CAPI version
	sauce?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
ApplesPearsSeasonal	Participant reported eating apples, pears, or apple sauce seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Melon	How often did you eat this food over the past year? Watermelon, cantaloupe,	Prior to CAPI version
	or honeydew?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
MelonSeasonal	Participant reported eating watermelon, cantaloupe, or honeydew seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
GrapesBerries	How often did you eat this food over the past year? Grapes, strawberries,	Prior to CAPI version
	blueberries, raspberries, or blackberries?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
GrapesBerriesSeasonal	Participant reported eating grapes, strawberries, blueberries, raspberries, or	CHC participants only
	blackberries seasonally.	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Citrus	How often did you eat this food over the past year? Oranges or grapefruit?	Prior to CAPI version
	1 = Never	1.02, "Don't know" was
	2 = Rarely	not accepted as an
	3 = Once per month	answer. "Don't know"
	4 = 2-3 times per month	is a valid answer in
	5 = Once per week	CAPI versions 1.02 and
	6 = 2-3 times per week	higher.
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
CitrusSeasonal	Participant reported eating oranges or grapefruit seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Peaches	How often did you eat this food over the past year? Peaches or nectarines?	Prior to CAPI version
	1 = Never	1.02, "Don't know" was
	2 = Rarely	not accepted as an
	3 = Once per month	answer. "Don't know"
	4 = 2-3 times per month	is a valid answer in
	5 = Once per week	CAPI versions 1.02 and
	6 = 2-3 times per week	higher.
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
PeachesSeasonal	Participant reported eating peaches or nectarines seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
OtherFruit	How often did you eat this food over the past year? Other fruits such as	Prior to CAPI version
	pineapple, mixed fruit, fruit salad, raisins, plums, or prunes?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
OtherFruitSeasonal	Participant reported eating other fruits seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
CitrusJuice	How often did you drink the following over the past year? 100% orange juice or	Prior to CAPI version
	grapefruit juice?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
CitrusJuiceSeasonal	Participant reported drinking orange juice or grapefruit juice seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
FruitJuice	How often did you drink the following over the past year? 100% fruit juice such	Prior to CAPI version
	as apple, grape, etc.?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
FruitJuiceSeasonal	Participant reported drinking fruit juice seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
SweetenedFruitDrinks	How often did you drink the following over the past year? Fruit flavored drinks	Prior to CAPI version
	such as Kool-Aid, punch, Tang, lemonade, or Sunny Delight?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
SweetenedFruitDrinksSeasonal	Participant reported drinking fruit flavored drinks seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
HighFiberCereal	How often did you eat this food over the past year? Bran or high fiber cereals	Prior to CAPI version
	such as All Bran, Raisin Bran, or Shredded Wheat?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
HighFiberCerealSeasonal	Participant reported eating bran or high fiber cereals seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
ColdCereal	How often did you eat this food over the past year? Other cold cereals such as	Prior to CAPI version
	Corn Flakes, Cheerios, or Product 19?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
ColdCerealSeasonal	Participant reported eating other cold cereals seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Grits	How often did you eat this food over the past year? Grits?	Prior to CAPI version
	1 = Never	1.02, "Don't know" was
	2 = Rarely	not accepted as an
	3 = Once per month	answer. "Don't know"
	4 = 2-3 times per month	is a valid answer in
	5 = Once per week	CAPI versions 1.02 and
	6 = 2-3 times per week	higher.
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
GritsSeasonal	Participant reported eating grits seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
HotCereal	How often did you eat this food over the past year? Oatmeal, Cream of Wheat,	Prior to CAPI version
	or other hot cereals?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
HotCerealSeasonal	Participant reported eating oatmeal, Cream of Wheat, or other hot cereals	CHC participants only
	seasonally.	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Eggs	How often did you eat this food over the past year? Eggs such as fried,	Prior to CAPI version
	scrambled, hard boiled, or omelets?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
EggsSeasonal	Participant reported eating eggs seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
BaconSausage	How often did you eat this food over the past year? Bacon or breakfast sausage	Prior to CAPI version
	(including breakfast sandwiches)?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
BaconSausageSeasonal	Participant reported eating bacon or breakfast sausage seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Biscuits	How often did you eat this food over the past year? Biscuits?	Prior to CAPI version
	1 = Never	1.02, "Don't know" was
	2 = Rarely	not accepted as an
	3 = Once per month	answer. "Don't know"
	4 = 2-3 times per month	is a valid answer in
	5 = Once per week	CAPI versions 1.02 and
	6 = 2-3 times per week	higher.
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
BiscuitsSeasonal	Participant reported eating biscuits seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
BrassicaVeg	How often did you eat this food over the past year? Broccoli, cabbage, Brussels	Prior to CAPI version
	sprouts, or cauliflower?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
BrassicaVegSeasonal	Participant reported eating broccoli, cabbage, Brussels sprouts, or cauliflower	CHC participants only
	seasonally.	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Greens	How often did you eat this food over the past year? Mustard greens, turnip	Prior to CAPI version
	greens, collards, or spinach?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
GreensSeasonal	Participant reported eating mustard greens, turnip greens, collards, or spinach	CHC participants only
	seasonally.	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Tomatoes	How often did you eat this food over the past year? Tomatoes (fresh or canned)	Prior to CAPI version
	and tomato or vegetable juice?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
TomatoesSeasonal	Participant reported eating tomatoes seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Onions	How often did you eat this food over the past year? Onions?	Prior to CAPI version
	1 = Never	1.02, "Don't know" was
	2 = Rarely	not accepted as an
	3 = Once per month	answer. "Don't know"
	4 = 2-3 times per month	is a valid answer in
	5 = Once per week	CAPI versions 1.02 and
	6 = 2-3 times per week	higher.
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
OnionsSeasonal	Participant reported eating onions seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Carrots	How often did you eat this food over the past year? Carrots or mixed vegetables	Prior to CAPI version
	with carrots (raw or cooked)?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
CarrotsSeasonal	Participant reported eating carrots seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Corn	How often did you eat this food over the past year? Corn (fresh, canned, or	Prior to CAPI version
	frozen)?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
CornSeasonal	Participant reported eating corn seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
GreenBeansPeas	How often did you eat this food over the past year? Green beans or green peas	Prior to CAPI version
	(fresh, canned, or frozen)?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
GreenBeansPeasSeasonal	Participant reported eating green beans or green peas seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Lettuce	How often did you eat this food over the past year? Lettuce, green salad, or	Prior to CAPI version
	tossed salad with lettuce?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
LettuceSeasonal	Participant reported eating lettuce, green salad, or tossed salad with lettuce	CHC participants only
	seasonally.	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
ColeslawSauerkraut	How often did you eat this food over the past year? Coleslaw or sauerkraut?	Prior to CAPI version
	1 = Never	1.02, "Don't know" was
	2 = Rarely	not accepted as an
	3 = Once per month	answer. "Don't know"
	4 = 2-3 times per month	is a valid answer in
	5 = Once per week	CAPI versions 1.02 and
	6 = 2-3 times per week	higher.
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
ColeslawSauerkrautSeasonal	Participant reported eating coleslaw or sauerkraut seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
OtherVeg	How often did you eat this food over the past year? Other vegetables such as	Prior to CAPI version
	eggplant, mushrooms, celery, cucumber, squash, or okra?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
OtherVegSeasonal	Participant reported eating other vegetables seasonally.	CHC participants only
ū	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
MixedRiceMeat	How often did you eat this food over the past year? Rice mixed with meat or	Prior to CAPI version
	seafood such as dirty rice or jambalaya?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
MixedRiceMeatSeasonal	Participant reported eating rice mixed with meat or seafood seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Rice	How often did you eat this food over the past year? Plain rice or rice mixed with	Prior to CAPI version
	vegetables or beans?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
RiceSeasonal	Participant reported eating plain rice or rice mixed with vegetables or beans	CHC participants only
	seasonally.	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
BakedBeansChili	How often did you eat this food over the past year? Pork and beans, baked	Prior to CAPI version
	beans, or chili with beans?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
BakedBeansChiliSeasonal	Participant reported eating pork and beans, baked beans, or chili with beans	CHC participants only
	seasonally.	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Beans	How often did you eat this food over the past year? Other dried and canned	Prior to CAPI version
	beans such as pinto, white, kidney, black eyed peas, or field peas?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
BeansSeasonal	Participant reported eating other dried and canned beans seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
SweetPotatoes	How often did you eat this food over the past year? Sweet potatoes or yams?	Prior to CAPI version
	1 = Never	1.02, "Don't know" was
	2 = Rarely	not accepted as an
	3 = Once per month	answer. "Don't know"
	4 = 2-3 times per month	is a valid answer in
	5 = Once per week	CAPI versions 1.02 and
	6 = 2-3 times per week	higher.
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
SweetPotatoesSeasonal	Participant reported eating sweet potatoes or yams seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
FriedPotatoes	How often did you eat this food over the past year? Fried potatoes such as	Prior to CAPI version
	French fries, home fries, hash browns, or tater tots?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
FriedPotatoesSeasonal	Participant reported eating fried potatoes seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Potatoes	How often did you eat this food over the past year? Mashed, scalloped, baked,	Prior to CAPI version
	or boiled potatoes?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
PotatoesSeasonal	Participant reported eating mashed, scalloped, baked, or boiled potatoes	CHC participants only
	seasonally.	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Pasta	How often did you eat this food over the past year? Spaghetti, ravioli, lasagna,	Prior to CAPI version
	or other pasta with tomato or meat sauce?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
PastaSeasonal	Participant reported eating spaghetti, ravioli, lasagna, or other pasta with	CHC participants only
	tomato or meat sauce seasonally.	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
MacCheese	How often did you eat this food over the past year? Macaroni and cheese?	Prior to CAPI version
	1 = Never	1.02, "Don't know" was
	2 = Rarely	not accepted as an
	3 = Once per month	answer. "Don't know"
	4 = 2-3 times per month	is a valid answer in
	5 = Once per week	CAPI versions 1.02 and
	6 = 2-3 times per week	higher.
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
MacCheeseSeasonal	Participant reported eating macaroni and cheese seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Pizza	How often did you eat this food over the past year? Pizza (homemade, frozen,	Prior to CAPI version
	or from a restaurant)?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
PizzaSeasonal	Participant reported eating pizza seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Soups	How often did you eat this food over the past year? Soups or chowders such as	Prior to CAPI version
	tomato, vegetable, noodle, rice, etc.?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
SoupsSeasonal	Participant reported eating soups or chowders seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
FriedBeef	How often did you eat this food over the past year? Fried beef (including	Prior to CAPI version
	chicken fried steak and steak with gravy)?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
FriedBeefSeasonal	Participant reported eating fried beef seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Hamburger	How often did you eat this food over the past year? Hamburgers,	Prior to CAPI version
	cheeseburgers, or sloppy joes?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
HamburgerSeasonal	Participant reported eating hamburgers, cheeseburgers, or sloppy joes	CHC participants only
	seasonally	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
OtherGroundBeef	How often did you eat this food over the past year? Other ground beef such as	Prior to CAPI version
	meatloaf, meatballs, or patties?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
OtherGroundBeefSeasonal	Participant reported eating other ground beef seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
BeefMixedDishes	How often did you eat this food over the past year? Beef in mixed dishes such	Prior to CAPI version
	as stew, pot pies, casserole, or stir-fry?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
BeefMixedDishesSeasonal	Participant reported eating beef in mixed dishes seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Beef	How often did you eat this food over the past year? Roast beef, steak, or beef	Prior to CAPI version
	barbeque (including frozen dinners and sandwiches)?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
BeefSeasonal	Participant reported eating roast beef, steak, or beef barbeque seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
OrganMeats	How often did you eat this food over the past year? Liver, kidneys, chitterlings,	Prior to CAPI version
	ham hocks, pigs' feet, or other organ meats?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
OrganMeatsSeasonal	Participant reported eating liver, kidneys, chitterlings, ham hocks, pigs' feet, or	CHC participants only
	other organ meats seasonally.	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
FriedChicken	How often did you eat this food over the past year? Fried chicken or chicken	Prior to CAPI version
	nuggets?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
FriedChickenSeasonal	Participant reported eating fried chicken or chicken nuggets seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
ChickenTurkey	How often did you eat this food over the past year? Baked, broiled, or boiled	Prior to CAPI version
	chicken or turkey?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
ChickenTurkeySeasonal	Participant reported eating baked, broiled, or boiled chicken or turkey	CHC participants only
	seasonally.	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
ChickenMixedDishes	How often did you eat this food over the past year? Chicken in mixed dishes	Prior to CAPI version
	such as casseroles, stir-fry, or chicken pot pie?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
ChickenMixedDishesSeasonal	Participant reported eating chicken in mixed dishes seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
PorkHam	How often did you eat this food over the past year? Roast pork, pork chops,	Added "Pork Spareribs,
	dinner ham, pork spareribs, or pork barbeque?	or Pork Barbeque" in
	1 = Never	CAPI versions 1.01 and
	2 = Rarely	higher.
	3 = Once per month	
	4 = 2-3 times per month	Prior to CAPI version
	5 = Once per week	1.02, "Don't know" was
	6 = 2-3 times per week	not accepted as an
	7 = 4-6 times per week	answer. "Don't know"
	8 = Once per day	is a valid answer in
	9 = 2 or more times per day	CAPI versions 1.02 and
	8888 = Refuse	higher.
	9999 = Don't know	
PorkHamSeasonal	Participant reported eating roast pork, pork chops, dinner ham, pork spareribs,	CHC participants only
	or pork barbeque seasonally.	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Tuna	How often did you eat this food over the past year? Canned tuna fish, tuna	Prior to CAPI version
	casserole, or tuna salad?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
TunaSeasonal	Participant reported eating canned tuna fish, tuna casserole, or tuna salad	CHC participants only
	seasonally.	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
FriedSeafood	How often did you eat this food over the past year? Fried fish, shrimp, or	Prior to CAPI version
	seafood (including sandwiches)?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
FriedSeafoodSeasonal	Participant reported eating fried fish seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Seafood	How often did you eat this food over the past year? Broiled or baked fish,	Prior to CAPI version
	shrimp, or seafood?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
SeafoodSeasonal	Participant reported eating broiled or baked fish seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
LunchMeats	How often did you eat this food over the past year? Bologna, salami, or other	Prior to CAPI version
	lunch meats?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
LunchMeatsSeasonal	Participant reported eating bologna, salami, or other lunch meats seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
HotdogSausage	How often did you eat this food over the past year? Hot dogs or sausage such as	Prior to CAPI version
	kielbasa, Italian, Polish, Vienna, etc. (do not include breakfast sausage)?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
HotdogSausageSeasonal	Participant reported eating hot dogs or sausage seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
MeatSubstitute	How often did you eat this food over the past year? Meat substitutes such as	Prior to CAPI version
	veggie-burgers, soy products, or tofu?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
MeatSubstituteSeasonal	Participant reported eating meat substitutes seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
WhiteBreads	How often did you eat this food over the past year? White bread, rolls, dinner	Prior to CAPI version
	rolls, buns, or bagels (including sandwiches)?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
WhiteBreadsSeasonal	Participant reported eating white bread, rolls, dinner rolls, buns, or bagels	CHC participants only
	seasonally.	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
DarkBreads	How often did you eat this food over the past year? Dark or whole grain breads	Prior to CAPI version
	(including sandwiches)?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
DarkBreadsSeasonal	Participant reported eating dark or whole grain breads seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
CornBreadTortilla	How often did you eat this food over the past year? Corn bread, corn muffins,	Prior to CAPI version
	corn tortillas, or hush puppies?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
CornBreadTortillaSeasonal	Participant reported eating corn bread, corn muffins, corn tortillas, or hush	CHC participants only
	puppies seasonally.	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Butter	How often did you eat this food over the past year? Butter (real butter, not	Prior to CAPI version
	margarine, added to foods such as breads, grits, rice, and vegetables)?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	Beginning with CAPI
	8 = Once per day	version 1.07, question
	9 = 2 or more times per day	includes "real butter,
	8888 = Refuse	not margarine."
	9999 = Don't know	
ButterSeasonal	Participant reported eating butter seasonally,	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Margarine	How often did you eat this food over the past year? Margarine (added to foods	Prior to CAPI version
	such as breads, grits, rice, and vegetables)?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
MargarineSeasonal	Participant reported eating margarine seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
RegDressingMayo	How often did you eat this food over the past year? Regular salad dressing or	Prior to CAPI version
	mayonnaise (added to salads or sandwiches)?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
RegDressingMayoSeasonal	Participant reported eating regular salad dressing or mayonnaise seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
LowFatDressingMayo	How often did you eat this food over the past year? Low fat or reduced fat salad	Prior to CAPI version
	dressing or mayonnaise?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
LowFatDressingMayoSeasonal	Participant reported eating low fat or reduced fat salad dressing or mayonnaise	CHC participants only
	seasonally.	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
JamHoneySyrup	How often did you eat this food over the past year? Jelly, jam, preserves,	Prior to CAPI version
	honey, or syrup?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
JamHoneySyrupSeasonal	Participant reported eating jelly, jam, preserves, honey, or syrup seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
PeanutButter	How often did you eat this food over the past year? Peanut butter (including	Prior to CAPI version
	sandwiches)?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
PeanutButterSeasonal	Participant reported eating peanut butter seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
SkimMilk	How often did you drink the following over the past year? Skim milk or	Prior to CAPI version
	buttermilk (including on cereal and added to coffee or tea)?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
SkimMilkSeasonal	Participant reported eating skim milk or buttermilk seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
LowFatMilk	How often did you drink the following over the past year? 1% or 2% low fat milk	Prior to CAPI version
	(including on cereal and added to coffee or tea)?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
LowFatMilkSeasonal	Participant reported eating 1% or 2% low fat milk seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
WholeMilk	How often did you drink the following over the past year? Whole milk (including	Prior to CAPI version
	on cereal and added to coffee or tea)?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
WholeMilkSeasonal	Participant reported eating whole milk seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Cream	How often did you drink the following over the past year? Cream or whipped	This question was
	cream (including added to coffee or tea or on desserts)?	added to CAPI version
	1 = Never	1.01 and higher.
	2 = Rarely	
	3 = Once per month	Prior to CAPI version
	4 = 2-3 times per month	1.02, "Don't know" was
	5 = Once per week	not accepted as an
	6 = 2-3 times per week	answer. "Don't know"
	7 = 4-6 times per week	is a valid answer in
	8 = Once per day	CAPI versions 1.02 and
	9 = 2 or more times per day	higher.
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
CreamSeasonal	Participant reported eating cream seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
CottageCheeseYogurt	How often did you eat this food over the past year? Cottage cheese or yogurt?	Prior to CAPI version
	1 = Never	1.02, "Don't know" was
	2 = Rarely	not accepted as an
	3 = Once per month	answer. "Don't know"
	4 = 2-3 times per month	is a valid answer in
	5 = Once per week	CAPI versions 1.02 and
	6 = 2-3 times per week	higher.
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
CottageCheeseYogurtSeasonal	Participant reported eating cottage cheese or yogurt seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Cheese	How often did you eat this food over the past year? Other cheese such as	Prior to CAPI version
	American, processed, Swiss, or cheddar?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
CheeseSeasonal	Participant reported eating other cheese seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
IceCream	How often did you eat this food over the past year? Ice cream?	Prior to CAPI version
	1 = Never	1.02, "Don't know" was
	2 = Rarely	not accepted as an
	3 = Once per month	answer. "Don't know"
	4 = 2-3 times per month	is a valid answer in
	5 = Once per week	CAPI versions 1.02 and
	6 = 2-3 times per week	higher.
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
IceCreamSeasonal	Participant reported eating ice cream seasonally	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
FroYoSherbet	How often did you eat this food over the past year? Frozen yogurt, ice milk, or	Prior to CAPI version
	sherbet?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
1	9999 = Don't know	

Variable Name	Question and Coding	Comments
FroYoSherbetSeasonal	Participant reported eating frozen yogurt, ice milk, or sherbet seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Cookies	How often did you eat this food over the past year? Cookies?	Prior to CAPI version
	1 = Never	1.02, "Don't know" was
	2 = Rarely	not accepted as an
	3 = Once per month	answer. "Don't know"
	4 = 2-3 times per month	is a valid answer in
	5 = Once per week	CAPI versions 1.02 and
	6 = 2-3 times per week	higher.
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
CookiesSeasonal	Participant reported eating cookies seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Cake	How often did you eat this food over the past year? Cake?	Prior to CAPI version
	1 = Never	1.02, "Don't know" was
	2 = Rarely	not accepted as an
	3 = Once per month	answer. "Don't know"
	4 = 2-3 times per month	is a valid answer in
	5 = Once per week	CAPI versions 1.02 and
	6 = 2-3 times per week	higher.
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
CakeSeasonal	Participant reported eating cake seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
PiesCobblers	How often did you eat this food over the past year? Baked or fried pies or	Prior to CAPI version
	cobblers?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
PiesCobblersSeasonal	Participant reported eating baked or fried pies or cobblers seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
DoughnutPastry	How often did you eat this food over the past year? Doughnuts, sweet rolls,	Prior to CAPI version
	pastry, Danish, muffins, or croissants?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
DoughnutPastrySeasonal	Participant reported eating doughnuts, sweet rolls, pastry, Danish, muffins, or	CHC participants only
	croissants seasonally.	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Chocolate	How often did you eat this food over the past year? Chocolate candy or	Prior to CAPI version
	chocolate bars?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
ChocolateSeasonal	Participant reported eating chocolate candy or chocolate bars seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Nuts	How often did you eat this food over the past year? Peanuts or other nuts?	Prior to CAPI version
	1 = Never	1.02, "Don't know" was
	2 = Rarely	not accepted as an
	3 = Once per month	answer. "Don't know"
	4 = 2-3 times per month	is a valid answer in
	5 = Once per week	CAPI versions 1.02 and
	6 = 2-3 times per week	higher.
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
NutsSeasonal	Participant reported eating peanuts or other nuts seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
SaltySnacks	How often did you eat this food over the past year? Potato chips, corn chips,	Prior to CAPI version
	fried pork skins, or cheese curls?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
SaltySnacksSeasonal	Participant reported eating potato chips, corn chips, fried pork skins, or cheese	CHC participants only
	curls seasonally.	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
CrackersPretzels	How often did you eat this food over the past year? Crackers or pretzels	Prior to CAPI version
	(including cheese and peanut butter crackers)?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
CrackersPretzelsSeasonal	Participant reported eating crackers or pretzels seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Popcorn	How often did you eat this food over the past year? Popcorn?	Prior to CAPI version
	1 = Never	1.02, "Don't know" was
	2 = Rarely	not accepted as an
	3 = Once per month	answer. "Don't know"
	4 = 2-3 times per month	is a valid answer in
	5 = Once per week	CAPI versions 1.02 and
	6 = 2-3 times per week	higher.
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
PopcornSeasonal	Participant reported eating popcorn seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
RegSoda	How often did you drink the following over the past year? Carbonated regular	Prior to CAPI version
	soft drinks such as Coke, Sprite, etc.?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
RegSodaSeasonal	Participant reported drinking regular soft drinks seasonally.	CHC participants only
_	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
DietSoda	How often did you drink the following over the past year? Diet coke, diet sodas,	Prior to CAPI version
	or other diet drinks?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
DietSodaSeasonal	Participant reported drinking diet soda seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
RegCoffee	How often did you drink the following over the past year? Regular Coffee	Prior to CAPI version
	(brewed or instant)?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
RegCoffeeSeasonal	Participant reported drinking regular coffee seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
DecafCoffee	How often did you drink the following over the past year? Decaffeinated coffee	Prior to CAPI version
	(brewed or instant)?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
DecafCoffeeSeasonal	Participant reported drinking decaffeinated coffee seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Tea	How often did you drink the following over the past year? Tea (hot or iced, but	Prior to CAPI version
	not herbal)?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
TeaSeasonal	Participant reported drinking tea seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Gravy	How often did you eat this food over the past year? Gravy added to potatoes,	Prior to CAPI version
	meat, or biscuits?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
GravySeasonal	Participant reported eating gravy seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Garlic	How often did you eat this food over the past year? Garlic?	Prior to CAPI version
	1 = Never	1.02, "Don't know" was
	2 = Rarely	not accepted as an
	3 = Once per month	answer. "Don't know"
	4 = 2-3 times per month	is a valid answer in
	5 = Once per week	CAPI versions 1.02 and
	6 = 2-3 times per week	higher.
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
GarlicSeasonal	Participant reported eating garlic seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
TableSalt	How often did you eat this food over the past year? Salt added to food at the	Prior to CAPI version
	table?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
TableSaltSeasonal	Participant reported eating salt seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Sugar	How often did you eat this food over the past year? Sugar in coffee, tea, or on	Prior to CAPI version
	cereal?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in
	4 = 2-3 times per month	CAPI versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
SugarSeasonal	Participant reported eating sugar seasonally.	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

## **Alcohol variables**

Variable Name	Question and Coding	Comments
LastAlcohol	How long has it been since you last had a drink containing any kind of alcohol	Beginning with CAPI
	(this includes beer, wine and liquor)?	version 1.07, question
	1 = Never drank any alcohol in lifetime	includes "this includes
	2 = Within the last 24 hours	beer, wine, and liquor."
	3 = One to six days ago	
	4 = One to four weeks ago	
	5 = One to eleven months ago	
	6 = One year or more ago	
	8888 = Refuse	
	9999 = Don't know	
LightBeer_Freq	Over the past year, how often did you drink light beer?	
	1 = Never	
	2 = Rarely	
	3 = Once per month	
	4 = 2-3 times per month	
	5 = Once per week	
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
RegBeer_Freq	Over the past year, how often did you drink regular beer, ale, malt liquor, or	
	stout?	
	1 = Never	
	2 = Rarely	
	3 = Once per month	
	4 = 2-3 times per month	
	5 = Once per week	
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Beer_Quant	When you drank beer, how many beers did you have on a typical occasion?	
	Numeric value from 1 to 30	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
WhiteWine_Freq	Over the past year, how often did you drink white wine or white wine coolers?	
	1 = Never	
	2 = Rarely	
	3 = Once per month	
	4 = 2-3 times per month	
	5 = Once per week	
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
WhiteWine_Quant	When you drank white wine or white wine coolers, how many glasses did you	
	have on a typical occasion?	
	Numeric value from 1 to 30	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
RedWine_Freq	Over the past year, how often did you drink red wine or red wine coolers?	
	1 = Never	
	2 = Rarely	
	3 = Once per month	
	4 = 2-3 times per month	
	5 = Once per week	
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
RedWine_Quant	When you drank red wine or red wine coolers, how many glasses did you have on	
	a typical occasion?	
	Numeric value from 1 to 30	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Liquor_Freq	Over the past year, how often did you drink liquor or mixed drinks?	
	1 = Never	
	2 = Rarely	
	3 = Once per month	
	4 = 2-3 times per month	
	5 = Once per week	
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Liquor_Quant	When you drank liquor or mixed drinks, how many drinks did you have on a	Instructions to
	typical occasion?	interviewers beginning
	Numeric value from 1 to 30	with CAPI version 1.07:
	7777 = Not applicable	*One pint = 11 drinks
	8888 = Refuse	*One fifth = One quart
	9999 = Don't know	= 30 drinks
MostAlcohol_Freq	Thinking about the period in your life when you drank alcohol the most, about	Beginning with CAPI
	how often did you drink then (this includes beer, wine, and liquor)?	version 1.07, question
	1 = Every day	includes "this includes
	2 = Nearly every day	beer, wine, and liquor."
	3 = 3 to 4 times a week	
	4 = 2 times a week	
	5 = Once a week	
	6 = 2 to 3 times a month	
	7 = Once a month	
	8 = 7 to 11 times a year	
	9 = 3 to 6 times a year	
	10 = 1 to 2 times a year or less	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
MostAlcohol_Quant	Thinking about that period in your life when you drank alcohol the most, about	Beginning with CAPI
	how many drinks did you have on a typical occasion, counting all types of alcohol	version 1.07,
	(this includes beer, wine, and liquor)?	interviewers explicitly
	Numeric value from 1 to 30	read "this includes
	7777 = Not applicable	beer, wine, and liquor."
	8888 = Refuse	
	9999 = Don't know	
AlcoholPerDay	Number of drinks per day. The sum of LightBeer_Freq*Beer_Quant,	
	RegBeer_Freq*Beer_Quant, WhiteWine_Freq*WhiteWine_Quant,	
	RedWine_Freq*RedWine_Quant, and Liquor_Freq*Liquor_Quant, where each	
	frequency was converted to a decimal representing number of times per day.	
AlcoholPerDay_Flag	1 = AlcoholPerDay was truncated to 30 drinks per day	

## **Eating behavior variables**

Variable Name	Question and Coding	Comments
Dieting	How often do you try to restrict your food intake in order to lose weight or to	
	keep from gaining weight?	
	1 = Never	
	2 = Rarely	
	3 = Once per month	
	4 = 2-3 times per month	
	5 = Once per week	
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
Overeating	How often do you overeat, that is eating until you feel stuffed or too full?	
	1 = Never	
	2 = Rarely	
	3 = Once per month	
	4 = 2-3 times per month	
	5 = Once per week	
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
UnplannedSnacking	How often do you eat unplanned snacks? That is, how often do you find yourself	
	snacking on food then thinking, "I wish I had not eaten that"?	
	1 = Never	
	2 = Rarely	
	3 = Once per month	
	4 = 2-3 times per month	
	5 = Once per week	
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
StressEating	How often do you eat as a way to cope with negative feelings like anger,	
	unhappiness, stress, or depression?	
	1 = Never	
	2 = Rarely	
	3 = Once per month	
	4 = 2-3 times per month	
	5 = Once per week	
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
RestaurantEating	How often do you eat at restaurants including fast food restaurants?	
	1 = Never	
	2 = Rarely	
	3 = Once per month	
	4 = 2-3 times per month	
	5 = Once per week	
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
CookVeg_Butter	Over the past year, when you ate greens or vegetables, how often were they	Beginning with CAPI
	cooked with butter (real butter, not margarine)?	version 1.07, question
	1 = Most of the time	includes "real butter,
	2 = Some of the time	not margarine."
	3 = Never	
	8888 = Refuse	
	9999 = Don't know	
CookVeg_Margarine	Over the past year, when you ate greens or vegetables, how often were they	
	cooked with margarine?	
	1 = Most of the time	
	2 = Some of the time	
	3 = Never	
	8888 = Refuse	
	9999 = Don't know	
CookVeg_LardBaconFat	Over the past year, when you ate greens or vegetables, how often were they	
	cooked with lard, salt pork, or bacon fat?	
	1 = Most of the time	
	2 = Some of the time	
	3 = Never	
	8888 = Refuse	
ı	9999 = Don't know	

Variable Name	Question and Coding	Comments
CookVeg_Oil	Over the past year, when you ate greens or vegetables, how often were they	
	cooked with oil?	
	1 = Most of the time	
	2 = Some of the time	
	3 = Never	
	8888 = Refuse	
	9999 = Don't know	
TrimMeatFat	Over the past year, when you ate meat, how often did you trim off the fat?	
	1 = Most of the time	
	2 = Some of the time	
	3 = Never	
	4 = I don't eat meat	
	8888 = Refuse	
	9999 = Don't know	
EatChickenSkin	Over the past year, when you ate chicken, how often did you eat the skin?	
	1 = Most of the time	
	2 = Some of the time	
	3 = Never	
	4 = I don't eat chicken	
	8888 = Refuse	
	9999 = Don't know	
MargarineType	Over the past year, when you ate margarine, what kind of margarine did you	Instructions to
	usually use?	interviewers beginning
	1 = Regular calorie stick	with CAPI version 1.07:
	2 = Regular calorie tub	*Regular calorie
	3 = Low calorie	squeeze margarine =
	4 = I don't use margarine	Regular calorie tub
	8888 = Refuse	*Low calorie squeeze
	9999 = Don't know	margarine = Low calorie
		*Spray Margarine =
		Don't Know

Variable Name	Question and Coding	Comments
Grill	How frequently do you grill or barbeque foods over charcoal or on a gas or	Prior to CAPI version
	electric grill?	1.02, "Don't know" was
	1 = Never	not accepted as an
	2 = Rarely	answer. "Don't know"
	3 = Once per month	is a valid answer in CAPI
	4 = 2-3 times per month	versions 1.02 and
	5 = Once per week	higher.
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	8888 = Refuse	
	9999 = Don't know	
GrillSeasonal	Participant reported grilling or barbequing foods over charcoal or on a gas or	CHC participants only
	electric grill seasonally.	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
InsideColor_Burger	When you eat a hamburger or cheeseburger, is it usually cooked so that the	
	inside color is:	
	1 = Brown	
	2 = Pink	
	3 = Red	
	4 = I don't eat hamburgers or cheeseburgers	
	8888 = Refuse	
	9999 = Don't know	
InsideColor_Beef	When you eat other red meat like steak or roast beef, is it usually cooked so that	
	the inside color is:	
	1 = Brown	
	2 = Pink	
	3 = Red	
	4 = I don't eat red meat	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
OutsideColor_BeefBurger	When you eat red meat like hamburgers, steak, or roast beef, is it usually cooked	
	so that the outside color is:	
	1 = Light brown	
	2 = Medium brown	
	3 = Dark brown	
	4 = Black	
	5 = I don't eat red meat	
	8888 = Refuse	
	9999 = Don't know	

## Vitamin supplements

Variable Name	Question and Coding	Comments
RegularSuppl	During the past year, have you taken any vitamin, mineral, herbal, or other	
	nutritional supplements at least once a month?	
	0 = No	
	1 = Yes	
	8888 = Refuse	
	9999 = Don't know	
MultiVit	Multiple vitamins such as One-a-Day, Centrum, Thera type, Stresstab, or B-	
	complex type?	
	1 = Never	
	2 = Rarely	
	3 = Once per month	
	4 = 2-3 times per month	
	5 = Once per week	
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
VitaminA	Vitamin A?	
	1 = Never	
	2 = Rarely	
	3 = Once per month	
	4 = 2-3 times per month	
	5 = Once per week	
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
VitaminC	Vitamin C?	
	1 = Never	
	2 = Rarely	
	3 = Once per month	
	4 = 2-3 times per month	
	5 = Once per week	
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
VitaminD	Vitamin D?	CHC participants only;
	1 = Never	this question was
	2 = Rarely	added with CAPI
	3 = Once per month	version 1.15.
	4 = 2-3 times per month	
	5 = Once per week	
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
VitaminE	Vitamin E?	
	1 = Never	
	2 = Rarely	
	3 = Once per month	
	4 = 2-3 times per month	
	5 = Once per week	
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
FolicAcid	Folic Acid or Folate?	
	1 = Never	
	2 = Rarely	
	3 = Once per month	
	4 = 2-3 times per month	
	5 = Once per week	
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Calcium	Calcium?	
	1 = Never	
	2 = Rarely	
	3 = Once per month	
	4 = 2-3 times per month	
	5 = Once per week	
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Zinc	Zinc?	
	1 = Never	
	2 = Rarely	
	3 = Once per month	
	4 = 2-3 times per month	
	5 = Once per week	
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
Gingko	Gingko?	
	1 = Never	
	2 = Rarely	
	3 = Once per month	
	4 = 2-3 times per month	
	5 = Once per week	
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
Ginseng	Ginseng?	
	1 = Never	
	2 = Rarely	
	3 = Once per month	
	4 = 2-3 times per month	
	5 = Once per week	
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
StJohnsWort	St. John's Wort?	
	1 = Never	
	2 = Rarely	
	3 = Once per month	
	4 = 2-3 times per month	
	5 = Once per week	
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
GarlicPills	Garlic Pills?	
	1 = Never	
	2 = Rarely	
	3 = Once per month	
	4 = 2-3 times per month	
	5 = Once per week	
	6 = 2-3 times per week	
	7 = 4-6 times per week	
	8 = Once per day	
	9 = 2 or more times per day	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

## Questions asked at the time of blood or urine sampling

Variable Name	Question and Coding	Comments
TimeOfLastMeal	At what time was your last meal?	CHC participants only
	Stored as a SAS time variable (hours, minutes, seconds).	
BloodFasting_GE8	1 = Blood sample likely taken after 8 or more hours of fasting	CHC participants only
BloodFasting_GE12	1 = Blood sample likely taken after 12 or more hours of fasting	CHC participants only
AgeLMP_Months	Participant's age on the reported start date of last menstrual period (months)	CHC participants only
	Numeric value (integer), rounded to the nearest month.	
SelectedVegLast24Hrs	In the past 24 hours, have you eaten cabbage, broccoli, cauliflower, Brussels	CHC participants only
	sprouts, or kohlrabi?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
MeatOrFishLast24Hrs	In the past 24 hours, have you eaten meat or fish that has been grilled, broiled,	CHC participants only
	baked, or pan fried?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
CigsLast24Hrs	How many cigarettes did you smoke over the last 24 hours?	CHC participants only
	Numeric value from 0 to 200	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	
AnyMedsLast24Hrs	In the past 24 hours, have you taken any prescription or over-the-counter	CHC participants only
	medication, including hormones?	
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
MedLast24Hrs_1	What medication?	CHC participants only
	Name of medication taken in past 24 hours (free text)	
	7777 = Not applicable	
MedLast24Hrs_2	What medication?	CHC participants only
	Name of medication taken in past 24 hours (free text)	
	7777 = Not applicable	
MedLast24Hrs_3	What medication?	CHC participants only
	Name of medication taken in past 24 hours (free text)	
	7777 = Not applicable	
MedLast24Hrs_4	What medication?	CHC participants only
	Name of medication taken in past 24 hours (free text)	
	7777 = Not applicable	
MedLast24Hrs_5	What medication?	CHC participants only
	Name of medication taken in past 24 hours (free text)	
	7777 = Not applicable	
MedLast24Hrs_6	What medication?	CHC participants only
	Name of medication taken in past 24 hours (free text)	
	7777 = Not applicable	
MedLast24Hrs_7	What medication?	CHC participants only
	Name of medication taken in past 24 hours (free text)	
	7777 = Not applicable	
MedLast24Hrs_8	What medication?	CHC participants only
	Name of medication taken in past 24 hours (free text)	
	7777 = Not applicable	
MedLast24Hrs_9	What medication?	CHC participants only
	Name of medication taken in past 24 hours (free text)	
	7777 = Not applicable	
MedLast24Hrs_10	What medication?	CHC participants only
	Name of medication taken in past 24 hours (free text)	
	7777 = Not applicable	

Variable Name	Question and Coding	Comments
AntibioticsLast7Days	In the past 7 days, have you taken any prescription antibiotics?	CHC participants only.
	0 = No	This question was
	1 = Yes	added to "blood/urine"
	7777 = Not applicable	questions in CAPI
	8888 = Refuse	version 1.10.
	9999 = Don't know	
ColdOrFluLast7Days	Have you had a cold or flu over the past 7 days?	CHC participants only
	0 = No	
	1 = Yes	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

## Biospecimen administrative variables

Variable Name	Question and Coding	Comments
Blood	1 = Have sample	CHC participants only
	7777 = Not applicable	
BloodProcessDuration	Number of days (integer) between the date on which first blood sample was	CHC participants only
	taken and the date on which first blood sample was received by Vanderbilt.	
MouthRinse	1 = Have sample	
MouthRinseProcessDuration	Number of days (integer) between the date on which first mouth rinse sample	
	was taken and the date on which first mouth rinse sample was received by	
	Vanderbilt.	
Oragene	1 = Have sample	CHC participants only
	7777 = Not applicable	
OrageneProcessDuration	Number of days (integer) between the date on which Oragene sample was	CHC participants only
	taken and the date on which first Oragene sample was received by Vanderbilt.	
Serum	1 = Have sample	CHC participants only
	7777 = Not applicable	
Plasma	1 = Have sample	CHC participants only
	7777 = Not applicable	
BuccalCell	1 = Have sample	
Urine	1 = Have sample	CHC participants only
	7777 = Not applicable	
UrineProcessDuration	Number of days (integer) between the date on which urine sample was taken	CHC participants only
	and the date on which urine sample was received by Vanderbilt.	
DNA_BloodBuccal	1 = DNA available from Blood/Buccal	
DNA_BloodBuccalUrine	1 = DNA available from Blood/Buccal/Urine	

# Physical activity variables

## **CURRENT ACTIVITY:**

Variable Name	Question and Coding	Comments
Outdoors_MinPerDay	Over the past year, about how much TIME PER DAY, on average, did you spend OUTDOORS?  Numeric value from 0 to 1200	This question was added with CAPI version 1.15. [min/day]
	7777 = Not applicable 8888 = Refuse 9999 = Don't know	
SleepWeekday_hrs	On Weekdays, how many hours do you typically sleep in a 24 hour period?  Numeric value from 2 to 20  8888 = Refuse  9999 = Don't know	[hrs/day]
SleepWeekend_hrs	On weekends, how many hours do you typically sleep in a 24 hour period?  Numeric value from 2 to 20  8888 = Refuse  9999 = Don't know	[hrs/day]
SleepAverage_hrs	Average hours per day of sleep	Weighted average of SleepWeekday_hrs, SleepWeekend_hrs [hrs/day]
Sleep_flag	<ul><li>1 = SleepAverage_hrs calculated from only 1 measure (SleepWeekday_hrs or SleepWeekend_hrs)</li><li>0 = SleepAverage_hrs calculated from both SleepWeekday_hrs and SleepWeekend_hrs</li></ul>	
SitCarBus_min	How much time per day do you typically spend sitting in a car or bus?  Numeric value from 0 to 600  8888 = Refuse  9999 = Don't know	[min/day]
SitWork_min	How much time per day do you typically spend sitting at work?  Numeric value from 0 to 600  8888 = Refuse  9999 = Don't know	[min/day]

Variable Name	Question and Coding	Comments
SitTV_min	How much time per day do you typically spend watching TV or seeing movies?  Numeric value from 0 to 900  8888 = Refuse  9999 = Don't know	[min/day]
SitComputer_min	How much time per day do you typically spend using a computer at home?  Numeric value from 0 to 360  8888 = Refuse  9999 = Don't know	[min/day]
SitOther_min	How much time per day do you typically spend in other sitting activities?  Numeric value from 0 to 600  8888 = Refuse  9999 = Don't know	[min/day]
TotalSit_hrs	Total hours spent in sitting activities	Sum of SitCarBus_min, SitWork_min, SitTV_min, SitComputer_min, SitOther_min divided by 60 [hrs/day]
WalkSlow_min	How much time per day do you typically spend walking slowly?  Numeric value from 0 to 720  8888 = Refuse  9999 = Don't know	[min/day]
WalkFast_min	How much time per day do you typically spend walking fast?  Numeric value from 0 to 540  8888 = Refuse  9999 = Don't know	[min/day]
TotalWalk_hrs	Total hours walking fast and slow	Sum of WalkFast_min, WalkSlow_min divided by 60 [hrs/day]
WalkSlowMetHr	MET-hrs walking slow	(WalkSlow_min/60)*2.5 [MET-hrs/day]
WalkFastMetHr	MET-hrs walking fast	(WalkFast_min/60)*3.5 [MET-hrs/day]

Variable Name	Question and Coding	Comments
TotalWalkMetHr	Total MET-hrs walking	Sum of WalkSlowMetHr, WalkFastMetHr [MET- hrs/day]
LtWorkWeekday_min	On weekdays, how much time per day do you typically spend doing light work?  Numeric value from 0 to 720  8888 = Refuse  9999 = Don't know	[min/day]
LtWorkWeekend_min	On weekends, how much time per day do you typically spend doing light work?  Numeric value from 0 to 720  8888 = Refuse  9999 = Don't know	[min/day]
LtWorkAverage_hrs	Average hours per day of light work	Weighted average of LtWorkWeekday_min, LtWorkWeekend_min divided by 60 [hrs/day]
ModWorkWeekday_min	On weekdays, how much time per day do you typically spend doing moderate work?  Numeric value from 0 to 600  8888 = Refuse  9999 = Don't know	[min/day]
ModWorkWeekend_min	On weekends, how much time per day do you typically spend doing moderate work?  Numeric value from 0 to 600  8888 = Refuse  9999 = Don't know	[min/day]
ModWorkAverage_hrs	Average hours per day of moderate work	Weighted average ModWorkWeekday_min, ModWorkWeekend_min divided by 60 [hrs/day]

Variable Name	Question and Coding	Comments
StrenWorkWeekday_min	On weekdays, how much time per day do you typically spend doing strenuous physical work?  Numeric value from 0 to 600  8888 = Refuse	[min/day]
	9999 = Don't know	
StrenWorkWeekend_min	On weekends, how much time per day do you typically spend doing strenuous physical work?  Numeric value from 0 to 480  8888 = Refuse  9999 = Don't know	[min/day]
StrenWorkAverage_hrs	Average hours per day of strenuous work	Weighted average of StrenWorkWeekday_min, StrenWorkWeekend_min divided by 60 [hrs/day]
LtWorkAvg1Var	1 = LtWorkAverage_hrs calculated from only 1 measure (LtWorkWeekday_min or LtWorkWeekend_min) 0 = LtWorkAverage_hrs calculated from both LtWorkWeekday_min and LtWorkWeekend_min	
ModWorkAvg1Var	1 = ModWorkAverage_hrs calculated from only 1 measure (ModWorkWeekday_min or ModWorkWeekend_min) 0 = ModWorkAverage_hrs calculated from both ModWorkWeekday_min and ModWorkWeekend_min	
StrenWorkAvg1Var	1 = StrenWorkAverage_hrs calculated from only 1 measure (StrenWorkWeekday_min or StrenWorkWeekend_min) 0 = StrenWorkAverage_hrs calculated from both StrenWorkWeekday_min and StrenWorkWeekend min	
LtWorkAvgMetHr	Average MET-hours of light work	LtWorkAverage_hrs *2.3 [MET-hrs/day]
ModWorkAvgMetHr	Average MET-hours of moderate work	ModWorkAverage_hrs *4.0 [MET-hrs/day]
StrenWorkAvgMetHr	Average MET-hours of strenuous work	ModStrenWorkAvg_hrs *6.0 [MET-hrs/day]

Variable Name	Question and Coding	Comments
ModStrenWorkAvg_hrs	Average hours of moderate and strenuous work	Sum of
		ModWorkAverage_hrs,
		StrenWorkAverage_hrs
		[hrs/day]
ModStrenWorkAvgMetHr	Average MET-hours of moderate and strenuous work	Sum of
		ModWorkAvgMetHr,
		StrenWorkAvgMetHr
		[MET-hrs/day]
TotalWorkAvg_hrs	Total hours light, moderate, and strenuous work	Sum of
		LtWorkAverage_hrs,
		ModWorkAverage_hrs,
		StrenWorkAverage_hrs
		[hrs/day]
TotalWorkAvgMetHr	Total MET-hours light, moderate, and strenuous work	Sum of LtWorkAvgMetHr,
		ModWorkAvgMetHr,
		StrenWorkAvgMetHr
		[MET-hrs/day]
ModSport_min	How much time per week do you typically spend doing moderate sports?	[min/week]
	Numeric value from 0 to 480	
	8888 = Refuse	
	9999 = Don't know	
VigSport_min	How much time per week do you typically spend doing vigorous sports?	[min/week]
	Numeric value from 0 to 720	
	8888 = Refuse	
	9999 = Don't know	
ModVigSport_hrs	Hours of moderate and vigorous sports	Sum of ModSport_min,
		VigSport_min divided by
		60 [hrs/week]
ModSportMetHr	MET-hours of moderate sports	ModSportMetHr *5.0
		[MET-hrs/day]
VigSportMetHr	MET-hours of vigorous sports	ModVigSportMetHr *8.0
		[MET-hrs/day]
ModVigSportMetHr	MET-Hours of moderate and vigorous sports	Sum of ModSportMetHr,
		VigSportMetHr [MET-
		hrs/day]

Variable Name	Question and Coding	Comments
ModActivity_hrs	Total moderate activity hours	Sum of
		ModWorkAverage_hrs,
		(ModSport_min/60)
		[hrs/day]
VigActivity_hrs	Total vigorous activity hours	Sum of
		StrenWorkAverage_hrs,
		(VigSport_min/60)
		[hrs/day]
TotalActivity_hrs	Total activity hours	Sum of
		LtWorkAverage_hrs,
		ModActivity_hrs,
		VigActivity_hrs [hrs/day]
ModActivityMetHr	Total moderate activity MET-hours	Sum of
		ModWorkAvgMetHr,
		ModSportMetHr [MET-
		hrs/day]
VigActivityMetHr	Total vigorous activity MET-hours	Sum of
		StrenWorkAvgMetHr,
		VigSportMetHr [MET-
		hrs/day]
TotalActivityMetHr	Total activity MET-hours	Sum of LtWorkAvgMetHr,
		ModActivityMetHr,
		VigActivityMetHr [MET-
		hrs/day]
ActivitySit_hrs	Total activity and sitting hours	Sum of TotalActivity_hrs,
	98 = Low outlier	TotalSit_hrs [hrs/day]
	99 = High outlier	
ActivitySitSleep_hrs	Total activity, sitting, and sleeping hours	Sum of TotalActivity_hrs,
	98 = Low outlier	TotalSit_hrs,
	99 = High outlier	SleepAverage_hrs
		[hrs/day]
WalkSit_hrs	Total walking and sitting hours	Sum of TotalWalk_hrs,
	98 = Low outlier	TotalSit_hrs [hrs/day]
	99 = High outlier	

Variable Name	Question and Coding	Comments
WalkSitSleep_hrs	Total walking, sitting, and sleeping hours	Sum of TotalWalk_hrs,
	98 = Low outlier	TotalSit_hrs,
	99 = High outlier	SleepAverage_hrs
		[hrs/day]
Outlier_ActivitySit	1 = Outlier	ActivitySit_hrs > 75 <sup>th</sup>
	0 = Within range	percentile value +
		1.5*IQR
Outlier_ActivitySitSleep	1 = Outlier	ActivitySitSleep_hrs >
	0 = Within range	75 <sup>th</sup> percentile value +
		1.5*IQR
Outlier_WalkSit	1 = Outlier	WalkSit_hrs > 75 <sup>th</sup>
	0 = Within range	percentile value +
		1.5*IQR
Outlier_WalkSitSleep	1 = Outlier	WalkSitSleep_hrs > 75 <sup>th</sup>
	0 = Within range	percentile value +
		1.5*IQR

## **ACTIVITY DURING 30s:**

Variable Name	Question and Coding	Comments
Th_LtWork_min	Thinking back to when you were in your 30s, about how much time per day did you typically spend doing light work?	[min/day]
	Numeric value from 0 to 960	
	8888 = Refuse	
	9999 = Don't know	
Th_ModWork_min	Thinking back to when you were in your 30s, about how much time per day did	[min/day]
	you typically spend doing moderate work?	
	Numeric value from 0 to 900	
	8888 = Refuse	
	9999 = Don't know	
Th_StrenWork_min	Thinking back to when you were in your 30s, about how much time per day did	[min/day]
	you typically spend doing strenuous physical work?	
	Numeric value from 0 to 840	
	8888 = Refuse	
	9999 = Don't know	
Th_LtWorkMetHr	Average MET-hours of light household work during 30s	(Th_LtWork_min/60)*2.3
		(MET-hrs/day) [MET-
		hrs/day]
Th_ModWorkMetHr	Average MET-hours of moderate household work during 30s	(Th_ModWork_min/60)*
		4.0 (MET-hrs/day) [MET-
		hrs/day]
Th_StrenWorkMetHr	Average MET-hours of hard household work during 30s	(Th_StrenWork_min/60)*
		6.0 (MET-hrs/day) [MET-
		hrs/day]
Th_ModStrenWork_hrs	Average hours of moderate and hard household work during 30s	Sum of
		Th_ModWork_min,
		Th_StrenWork_min
		divided by 60 [hrs/day]
Th_ModStrenWorkMetHr	Average MET-hours of moderate and hard household work during 30s	Sum of
		Th_ModWorkMetHr,
		Th_StrenWorkMetHr
		[MET-hrs/day]

Variable Name	Question and Coding	Comments
Th_TotalWork_hrs	Total hours light, moderate, and hard household work during 30s	Sum of Th_LtWork_min, Th_ModWork_min, Th_StrenWork_min divided by 60 [hrs/day]
Th_TotalWorkMetHr	Total MET-hours light, moderate, and hard household work during 30s	Sum of Th_LtWorkMetHr, Th_ModWorkMetHr, Th_StrenWorkMetHr [MET-hrs/day]
Th_ModSport_min	Thinking back to when you were in your 30s, how much time per week did you typically spend doing moderate sports?  Numeric value fro 0 to 1440  8888 = Refuse  9999 = Don't know	[min/week]
Th_VigSport_min	Thinking back to when you were in your 30s, how much time per week did you typically spend doing vigorous sports?  Numeric value from 0 to 1500  8888 = Refuse  9999 = Don't know	[min/week]
Th_ModVigSport_hrs	Hours of moderate and vigorous sports during 30s	Sum of Th_ModSport_min, Th_VigSport_min divided by 60 [hrs/week]
Th_ModSportMetHr	MET-hours of moderate sports during 30s	Th_ModSportMetHr *5.0 [MET-hrs/day]
Th_VigSportMetHr	MET-hours of vigorous sports during 30s	Th_ModVigSportMetHr *8.0 [MET-hrs/day]
Th_ModVigSportMetHr	MET-Hours of moderate and vigorous sports during 30s	Sum of Th_ModSportMetHr, Th_VigSportMetHr [MET- hrs/day]
Th_ModActivity_hrs	Total moderate activity hours during 30s	Sum of Th_ModWork_min, (Th_ModSport_min divided by 7) divided by 60 [hrs/day]

Variable Name	Question and Coding	Comments
Th_VigActivity_hrs	Total vigorous activity hours during 30s	Sum of
		Th_StrenWork_min,
		(Th_VigSport_min
		divided by 7) divided by
		60 [hrs/day]
Th_TotalActivity_hrs	Total activity hours during 30s	Sum of (Th_LtWork_min
	98 = Low outlier	divided by 60),
	99 = High outlier	Th_ModActivity_hrs,
		Th_VigActivity_hrs
		[hrs/day]
Outlier_Th_TotalActivity	1 = Outlier	Th_TotalActivity_hrs >
	0 = Within range	75 <sup>th</sup> percentile value +
		1.5*IQR
Th_ModActivityMetHr	Total moderate activity MET-hours during 30s	Sum of
		Th_ModWorkMetHr,
		Th_ModSportMetHr
		[MET-hrs/day]
Th_VigActivityMetHr	Total vigorous activity MET-hours during 30s	Sum of
		Th_StrenWorkMetHr,
		Th_VigSportMetHr [MET-
		hrs/day]
Th_TotalActivityMetHr	Total activity MET-hours during 30s	Sum of Th_LtWorkMetHr,
		Th_ModActivityMetHr,
		Th_VigActivityMetHr
		[MET-hrs/day]

## **Reason at CHC**

Variable Name	Question and Coding	Comments
CHCReason_AccompanyPatient	Are you at this health center today to accompany or drive another patient?	CHC participants
	0 = No	only; this question
	1 = Yes	was added
	7777 = Not applicable	beginning with CAPI
	8888 = Refuse	version 1.15.
	9999 = Don't know	
CHCReason_ApplyCancerScreen	Are you at this health center today to apply for free cancer screening services	CHC participants
	(such as a mammogram, pap smear, etc.)?	only; this question
	0 = No	was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.15.
	8888 = Refuse	
	9999 = Don't know	
CHCReason_CHCAffiliate	Are you at this health center today to work for an affiliated organization	CHC participants
	(such as AmeriCorps, LabCorp, etc.)?	only; this question
	0 = No	was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.15.
	8888 = Refuse	
	9999 = Don't know	
CHCReason_CHCEmployee	Are you at this health center today to work (an employee of the CHC)?	CHC participants
	0 = No	only; this question
	1 = Yes	was added
	7777 = Not applicable	beginning with CAPI
	8888 = Refuse	version 1.15.
	9999 = Don't know	
CHCReason_ChildCare	Are you at this health center today for child daycare?	CHC participants
	0 = No	only; this question
	1 = Yes	was added
	7777 = Not applicable	beginning with CAPI
	8888 = Refuse	version 1.15.
	9999 = Don't know	

Variable Name	Question and Coding	Comments
CHCReason_HealthFair	Are you at this health center today for a health fair?	CHC participants
	0 = No	only; this question
	1 = Yes	was added
	7777 = Not applicable	beginning with CAPI
	8888 = Refuse	version 1.15.
	9999 = Don't know	
CHCReason_HealthSupplies	Are you at this health center today to get supplies (such as glucose strips,	CHC participants
	condoms, etc.)?	only; this question
	0 = No	was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.15.
	8888 = Refuse	
	9999 = Don't know	
CHCReason_HousingAssistance	Are you at this health center today for housing assistance?	CHC participants
	0 = No	only; this question
	1 = Yes	was added
	7777 = Not applicable	beginning with CAPI
	8888 = Refuse	version 1.15.
	9999 = Don't know	
CHCReason_JobTraining	Are you at this health center today for job training?	CHC participants
	0 = No	only; this question
	1 = Yes	was added
	7777 = Not applicable	beginning with CAPI
	8888 = Refuse	version 1.15.
	9999 = Don't know	
CHCReason_LabWork	Are you at this health center today for lab work?	CHC participants
	0 = No	only; this question
	1 = Yes	was added
	7777 = Not applicable	beginning with CAPI
	8888 = Refuse	version 1.15.
	9999 = Don't know	

Variable Name	Question and Coding	Comments
CHCReason_MakeMedAppointment	Are you at this health center today to make an appointment for a medical	CHC participants
	visit for yourself?	only; this question
	0 = No	was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.15.
	8888 = Refuse	
	9999 = Don't know	
CHCReason_MedicalVisit	Are you at this health center today for a medical visit for yourself (to see a	CHC participants
	doctor, nurse, dentist, etc.)?	only; this question
	0 = No	was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.15.
	8888 = Refuse	
	9999 = Don't know	
CHCReason_MeetingOrParty	Are you at this health center today to attend a meeting or party?	CHC participants
	0 = No	only; this question
	1 = Yes	was added
	7777 = Not applicable	beginning with CAPI
	8888 = Refuse	version 1.15.
	9999 = Don't know	
CHCReason_PreEmploymentScreen	Are you at this health center today to get a pre-employment health	CHC participants
	screening?	only; this question
	0 = No	was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.15.
	8888 = Refuse	
	9999 = Don't know	
CHCReason_PublicAssistance	Are you at this health center today for public assistance (such as WIC, food	CHC participants
	stamps, Medicaid or pharmacy assistance office)?	only; this question
	0 = No	was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.15.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
CHCReason_RxPickup	Are you at this health center today to pick up medication?	CHC participants
	0 = No	only; this question
	1 = Yes	was added
	7777 = Not applicable	beginning with CAPI
	8888 = Refuse	version 1.15.
	9999 = Don't know	
CHCReason_SCCSEnroll	Are you at this health center today to join this study (the Southern	CHC participants
	Community Cohort Study)?	only; this question
	0 = No	was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.15.
	8888 = Refuse	
	9999 = Don't know	
CHCReason_SpClinicCounseling	Are you at this health center today for a special clinic or counseling program	CHC participants
	(such as substance abuse, HIV, black lung, etc.)?	only; this question
	0 = No	was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.15.
	8888 = Refuse	
	9999 = Don't know	
CHCReason_Volunteer	Are you at this health center today to volunteer?	CHC participants
	0 = No	only; this question
	1 = Yes	was added
	7777 = Not applicable	beginning with CAPI
	8888 = Refuse	version 1.15.
	9999 = Don't know	
CHCReason_WorkshopOrClass	Are you at this health center today for a workshop or class (such as weight	CHC participants
	control, nutrition, diabetes management, etc.)?	only; this question
	0 = No	was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.15.
	8888 = Refuse	
	9999 = Don't know	

Variable Name	Question and Coding	Comments
CHCReason_Other	Are you at this health center today for another reason?	CHC participants
	0 = No	only; this question
	1 = Yes	was added
	7777 = Not applicable	beginning with CAPI
	8888 = Refuse	version 1.15.
	9999 = Don't know	
MedicalVisit_CancerScreen	Are you at this health center today for a cancer screening test (such as a	CHC participants
	mammogram, pap test, PSA blood test, blood in stool test)?	only; this question
	0 = No	was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.15.
	8888 = Refuse	
	9999 = Don't know	
MedicalVisit_ChronicFollowUp	Are you at this health center today for a routine follow-up for a health	CHC participants
	condition (such as high blood pressure, diabetes, etc.)?	only; this question
	0 = No	was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.15.
	8888 = Refuse	
	9999 = Don't know	
MedicalVisit_Dentist	Are you at this health center today to see the dentist for a problem?	CHC participants
	0 = No	only; this question
	1 = Yes	was added
	7777 = Not applicable	beginning with CAPI
	8888 = Refuse	version 1.15.
	9999 = Don't know	
MedicalVisit_LabWork	Are you at this health center today for lab work?	CHC participants
	0 = No	only; this question
	1 = Yes	was added
	7777 = Not applicable	beginning with CAPI
	8888 = Refuse	version 1.15.
	9999 = Don't know	

Variable Name	Question and Coding	Comments	
MedicalVisit_MentalHealth	Are you at this health center today for a mental health visit?	CHC participants	
	0 = No	only; this question	
	1 = Yes	was added	
	7777 = Not applicable	beginning with CAPI	
	8888 = Refuse	version 1.15.	
	9999 = Don't know		
MedicalVisit_NonCancerScreen	Are you at this health center today for a non-cancer screening test (such as	CHC participants	
	for pregnancy, STD, HIV, diabetes, etc.)?	only; this question	
	0 = No	was added	
	1 = Yes	beginning with CAPI	
	8888 = Refuse	version 1.15.	
	9999 = Don't know		
MedicalVisit_PreEmploymentScreen	Are you at this health center today for a pre-employment health screening?	CHC participants	
	0 = No	only; this question	
	1 = Yes	was added	
	7777 = Not applicable	beginning with CAPI	
	8888 = Refuse	version 1.15.	
	9999 = Don't know		
MedicalVisit_ShotVaccination	Are you at this health center today for a shot or vaccination?	CHC participants	
	0 = No	only; this question	
	1 = Yes	was added	
	7777 = Not applicable	beginning with CAPI	
	8888 = Refuse	version 1.15.	
	9999 = Don't know		
MedicalVisit_Sick	Are you at this health center today because you are sick (such as flu, ear	CHC participants	
	infection, headache, vomiting, etc.)?	only; this question	
	0 = No	was added	
	1 = Yes	beginning with CAPI	
	7777 = Not applicable	version 1.15.	
	8888 = Refuse		
	9999 = Don't know		

Variable Name	Question and Coding	Comments
MedicalVisit_WellVisit	Are you at this health center today for a well visit with the doctor, nurse, or	CHC participants
	dentist (such as a general check-up or dental cleaning)?	only; this question
	0 = No	was added
	1 = Yes	beginning with CAPI
	7777 = Not applicable	version 1.15.
	8888 = Refuse	
	9999 = Don't know	
MedicalVisit_Other	Are you at this health center today for another type of medical visit?	CHC participants
	0 = No	only; this question
	1 = Yes	was added
	7777 = Not applicable	beginning with CAPI
	8888 = Refuse	version 1.15.
	9999 = Don't know	
UsualSourceOfCare	What is your usual source of medical care?	CHC participants
	1 = This community health center	only; this question
	2 = Another community health center or free clinic	was added
	3 = VA	beginning with CAPI
	4 = Private doctor's office	version 1.15.
	5 = Emergency room of a hospital	
	6 = Hospital (not the emergency room)	
	7 = Another source	
	8 = You have no usual source of medical care	
	7777 = Not applicable	
	8888 = Refuse	
	9999 = Don't know	

## Abstracted from medical record at enrollment

Variable Name	Question and Coding	Comments
Systolic	Systolic blood pressure, if recorded on the date of enrollment.	CHC participants
	Numeric value	only.
	7777 = Not applicable	
Diastolic	Diastolic blood pressure, if recorded on the date of enrollment.	CHC participants
	Numeric value	only.
	7777 = Not applicable	

# Nutrient variables derived from food frequency questionnaire

Variable Name	riable Name Description		
FFQ_AMOUNT	Amount of food	Grams/day	
FFQ_KCAL	Food energy	Kcal/day	
FFQ_ALCO	Alcohol	Grams/day	
FFQ_CARB	Carbohydrate	Grams/day	
FFQ_PROT	Protein	Grams/day	
FFQ_TFAT	Total fat	Grams/day	
FFQ_MFAT	Monounsaturated fat	Grams/day	
FFQ_PFAT	Polyunsaturated fat	Grams/day	
FFQ_SFAT	Saturated fat	Grams/day	
FFQ_CHOL	Cholesterol	Milligrams/day	
FFQ_CALC	Calcium	Milligrams/day	
FFQ_FIBE	Dietary fiber	Grams/day	
FFQ_FOLA	Total folate	Micrograms/day	
FFQ_NIAC	Niacin	Milligrams/day	
FFQ_VB2	Riboflavin/Vitamin B2	Milligrams/day	
FFQ_VB1	Thiamin/Vitamin B1	Milligrams/day	
FFQ_VB12	Vitamin B12	Micrograms/day	
FFQ_VB6	Vitamin B6	Milligrams/day	
FFQ_VC	Vitamin C/Ascorbic acid	Milligrams/day	
FFQ_COPP	Copper	Milligrams/day	
FFQ_IRON	Iron	Milligrams/day	
FFQ_MAGN	Magnesium	Milligrams/day	
FFQ_PHOS	Phosphorus	Milligrams/day	
FFQ_POTA	Potassium	Milligrams/day	
FFQ_SODI	Sodium	Milligrams/day	
FFQ_ZINC	Zinc	Milligrams/day	
FFQ_CAFF	Caffeine	Milligrams/day	
FFQ_FATACID100	Fatty acid 10:0/capric acid	Grams/day	
FFQ_FATACID120	Fatty acid 12:0/lauric acid	Grams/day	
FFQ_FATACID140	Fatty acid 14:0/myristic acid	Grams/day	
FFQ_FATACID160	Fatty acid 16:0/palmitic acid	Grams/day	
FFQ_FATACID161	Fatty acid 16:1/palmitoleic acid	Grams/day	

/ariable Name Description		Units
FFQ_FATACID180	Fatty acid 18:0/stearic acid	Grams/day
FFQ_FATACID181	Fatty acid 18:1/oleic acid Grams/day	
FFQ_FATACID182	Fatty acid 18:2/linoleic acid	Grams/day
FFQ_FATACID183	Fatty acid 18:3/linolenic acid	Grams/day
FFQ_FATACID184	Fatty acid 18:4/parinaric acid	Grams/day
FFQ_FATACID201	Fatty acid 20:1/gadoleic acid	Grams/day
FFQ_FATACID204	Fatty acid 20:4/arachidonic acid	Grams/day
FFQ_FATACID205	Fatty acid 20:5/timnodonic acid	Grams/day
FFQ_FATACID221	Fatty acid 22:1/erucic acid	Grams/day
FFQ_FATACID225	Fatty acid 22:5/clupanodonic acid	Grams/day
FFQ_FATACID226	Fatty acid 22:6/docosahexaenoic acid (DHA)	Grams/day
FFQ_FATACID40	Fatty acid 4:0/butyric acid	Grams/day
FFQ_FATACID60	Fatty acid 6:0/caproic acid	Grams/day
FFQ_FATACID80	Fatty acid 8:0/caprylic acid	Grams/day
FFQ_SELE	Selenium	Micrograms/day
FFQ_TOCPHA	Alpha-tocopherol	Milligrams/day
FFQ_THEO	Theobromine	Milligrams/day
FFQ_VARAE	Vitamin A, RAE	Micrograms/day
FFQ_RET	Retinol	Micrograms/day
FFQ_BCAR	Beta-carotene	Micrograms/day
FFQ_ACAR	Alpha-carotene	Micrograms/day
FFQ_CARO	Carotene	Retinol equivalents/day
FFQ_CRYP	Beta-cryptoxanthin	Micrograms/day
FFQ_FF	Food folate	Micrograms/day
FFQ_FA	Folic acid	Micrograms/day
FFQ_FDFE	Dietary folate equivalents	Micrograms/day
FFQ_LZ	Lutein & zeaxanthin	Micrograms/day
FFQ_LYCO	Lycopene	Micrograms/day
FFQ_SUGR	Total sugars	Grams/day
FFQ_VK	Vitamin K	Micrograms/day

## Healthy Eating Index (HEI) 2010 variables derived from food frequency questionnaire

The Healthy Eating Index (HEI 2010) is a measure of diet quality as assessed by compliance with the US Dietary Guidelines for Americans 2010. SCCS FFQ data were linked with the USDA MyPyramid equivalents database to generate equivalent intakes for HEI food groups and calculate 12 component scores utilizing SAS code provided by the USDA. Additional detail on the derivation of the HEI 2010 can be obtained in the references. Published work utilizing these variables must reference *Yu et al.* (reference 2).

Variable Name	Question and Coding	Maximum Score <sup>3</sup>	Standard for Maximum Score <sup>3</sup>	Standard for Minimum Score of Zero <sup>3</sup>
hei10	Total score of HEI-2010	100		
hei10_tf	Score for total fruit	5	≥0.8 cup equiv. per 1,000 kcal	No Fruit
hei10_wf	Score for whole fruit	5	≥0.4 cup equiv. per 1,000 kcal	No Whole Fruit
hei10_wg	Score for whole grains	10	≥1.5 oz equiv. per 1,000 kcal	No Whole Grains
hei10_rg	Score for refined grains	10	≤1.8 oz equiv. per 1,000 kcal	≥4.3 oz equiv. per 1,000 kcal
hei10_td	Score for total dairy products	10	≥1.3 cup equiv. per 1,000 kcal	No Dairy
hei10_tv	Score for total vegetables	5	≥1.1 cup equiv. per 1,000 kcal	No Vegetables
hei10_gb	Score for greens and beans	5	≥0.2 cup equiv. per 1,000 kcal	No Dark Green Vegetables, Beans, or Peas
hei10_tp	Score for total protein foods	5	≥2.5 oz equiv. per 1,000 kcal	No Protein Foods
hei10_sp	Score for seafood and plant protein	5	≥0.8 oz equiv. per 1,000 kcal	No Seafood or Plant Proteins
hei10_fat	Score for fatty acid	10	(PUFAs + MUFAs)/SFAs >2.5 <sup>a</sup>	(PUFAs + MUFAs)/SFAs <1.2 <sup>a</sup>
hei10_na	Score for sodium	10	≤1.1 gram per 1,000 kcal	≥2.0 grams per 1,000 kcal
hei10_sfs	Score for calories from solid fat, alcoholic beverages, and added sugars	20	≤19% of energy	≥50% of energy

<sup>&</sup>lt;sup>a</sup>Ratio of poly- and monounsaturated fatty acids to saturated fatty acids.

### References

- 1. Healthy Eating Index Overview & Background. Applied Research, Cancer Control and Population Sciences, National Cancer Institute. (http://appliedresearch.cancer.gov/hei/) Accessed November 14, 2014.
- 2. Yu D, et al. Healthy Eating and Reduced Risk of Total and Cause-specific Deaths among African Americans and Low-income Adults in the Southeastern United States. [Submitted, *PLOS Medicine*]
- 3. Comparing the HEI-2005 & HEI-2010. Applied Research, Cancer Control and Population Sciences, National Cancer Institute. (<a href="http://appliedresearch.cancer.gov/hei/comparing.html">http://appliedresearch.cancer.gov/hei/comparing.html</a>) Accessed November 14, 2014.

## **Appendix: Investigator's Summary of Derived Physical Activity Variables**

### **General information**

Each participant was asked a series of questions about physical activity as part of the SCCS baseline interview. The exact wording of the questions can be found in the Baseline Codebook and the questionnaire posted on the SCCS website. The physical activity questionnaire evaluated a wide range of both active and sedentary behaviors done at home, work, and during leisure-time (sports/exercise). Questions about sedentary behaviors asked for the amount of time per day spent sitting: (a) in a car or bus, (b) at work, (c) watching TV or seeing movies, (d) using computer at home, and (e) for other reasons (e.g., sitting at meals, talking on phone, reading, playing cards, sewing). In terms of walking, time spent in slow (e.g., moving around, walking at work, walking the dog, light exercise) and fast walking (climbing stairs, walking to go places, or for exercise) was obtained. Time spent in light, moderate, and hard (vigorous) work at home and work were assessed for weekdays and weekend days separately. Examples of light (e.g., standing at work, light office work, shopping, cooking, child and elderly care) moderate (e.g., manufacturing work, shop work, cleaning house, gardening, mowing lawn, home repair), and vigorous (e.g., moving furniture, loading or unloading trucks, construction work, farming, or other hard labor) work were provided as hand cards during the interview. Information about the typical amount of time participants spent (per week) in moderate (e.g., bowling, dancing, golfing, softball) and vigorous (e.g., jogging, aerobics, bicycling, tennis, swimming, weight lifting, basketball) sports and exercise were also obtained. Historical activity levels in early adulthood ("in your thirties") for light, moderate, vigorous household and occupational work (per day), as well as moderate and vigorous sports/exercise (per week) were also assessed.

Variables to be used in analyses of physical activity were derived from the questionnaire responses. The variable names and definitions can be found in the Baseline Codebook in the section entitled 'Physical Activity Variables'.

#### **Derived variables**

#### Weekday and weekend averages

Weighted averages were used to calculate time spent in activities assessed on weekdays and weekends including sleeping, and current light, moderate, and hard work. Weekday values were assigned weights of 5/7 while weekend values were assigned weights of 2/7. If one of either the weekday or weekend value was missing, the non-missing value was assigned as the average. A flag indicating that the average was based on a single measurement was created (including Sleep\_flag, LtWorkAvg1Var, ModWorkAvg1Var, and StrenWorkAvg1Var).

### Outliers of questionnaire responses

Variables were set to the value of the 99<sup>th</sup> percentile if the raw value was greater than the 99<sup>th</sup> percentile value. The 99<sup>th</sup> percentiles for each variable were calculated from the entire SCCS cohort through December 20, 2006 (N=54,677).

### Summary measurements

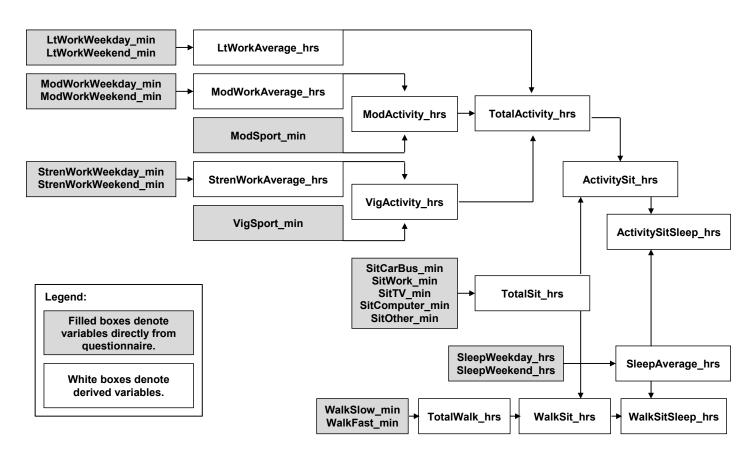
Derived physical activity variables were calculated as sums of multiple activities (see Figure 1). These summary variables include (a) total hours sitting, (b) total hours walking, (c) total hours of moderate activity (including moderate household/occupational work plus moderate sports), (d) total hours of vigorous activity (including hard household/occupational work plus vigorous sports), (e) total hours of activity (including all household/occupational work and all sports), (f) total activity plus sitting, (g) total activity plus sitting plus sleeping, (h) total walking plus sitting, and (i) total walking plus sitting plus sleeping. If **any** of

the components of these summary measures were missing in the questionnaire responses, the summary variable was defined as missing.

#### Outliers of derived variables

The 25<sup>th</sup> and 75<sup>th</sup> percentile values for the derived variable ActivitySit\_hrs, ActivitySitSleep\_hrs, WalkSit\_hrs, WalkSitSleep\_hrs, and TotalActivity\_hrs were calculated based on the derived variable values calculated in the entire SCCS cohort through December 20, 2006 (N=54,677). Outlier detection defined by Tukey (Tukey, 1983) was used to define outliers at the upper range. Values were considered outliers if they were greater than the sum of the 75<sup>th</sup> percentile value and 1.5\*the interquartile range; all outlier values were reset to the value of 99. In addition, a flag variable named with the prefix Outlier\_ appended onto the variable name was created to have a value of 1 for any record which was determined to be an outlier by Tukey's method. Outliers at the lower range were considered to be values of 0 for the summary measures of activity plus sitting and walking plus sitting. Any record with a value of 0 for these derived variables had the value reset to 98 and an outlier flag variable created.

**Figure 1.** Summary Physical Activity variable derivation from questionnaire responses (gray cells) to derived variables (white cells).



#### **MET calculations**

In order to determine the energy cost of the physical activities reported, energy expenditure was estimated using standard metabolic equivalents (MET). Estimates for light, moderate, and vigorous activities were calculated as MET-hrs/d. These calculations were made using standard methods described in the Compendium of physical activity, which describes the energy cost of more than 600 different activity-related behaviors (Ainsworth, 2000). In addition, the series of manuscripts describing the development and evolution of the Compendium provides general guidelines for both selecting and applying MET values to survey data, as well as general organizational principles for specifying specific types and intensities of activity (Ainsworth, 1993 and 2000).

We used the following intensity descriptions for specific categories of activity on the survey (Table 1).

Table 1.	Intensity descriptions and MET levels used in scoring the
	baseline SCCS questionnaire physical activity variables

Category	Intensity (MET range)
Sedentary behavior/inactivity	0.9 to 2.0
Light	2.1 to 2.9
Moderate	3.0 to 5.9
Vigorous	<u>&gt;</u> 6.0

To apply a specific MET level to each of the light, moderate, and vigorous activities in the SCCS questionnaire, representative activities from the Compendium were selected to reflect the types of activities listed on the handcards used during the interviews. The list of these select activities is presented in Appendix Table 1 (end of document). Appendix Table 1 includes the corresponding SCCS question in the first column and the activity code, MET value, major heading, and description of the selected activities from the Compendium in the subsequent columns. This list provides insight into the level of and variability of MET values within a given item on the questionnaire.

Appendix Table 1 and the Compendium in general were reviewed by a SCCS working group focused on physical activity scoring. By consensus, we selected specific MET values that were to be applied to each of the items in the baseline SCCS questionnaire. Questions for current activity levels and in early adulthood ("in your 30s") were scored with the same MET values.

We elected to apply MET values only to the light, moderate, and vigorous activity items since they reflect energy expenditure that would be derived from purposeful ambulatory activity behaviors. In contrast, the energy cost of sedentary/inactive behaviors is minimal by definition (typically 1.0-1.5 METS) and is often considered independently of active behaviors (Dietz, 1996; Owen, 2000). Therefore, sedentary behaviors were described only in terms of duration (hrs/d) in the general scoring algorithm. Investigators that wish to estimate total energy expenditure (i.e., from sleep, sedentary, light, moderate, and vigorous activity) are encouraged to use 0.9 METS for sleep, and 1.25 METS for sedentary behaviors, along with the values calculated in the summary algorithm, to allow consistency within SCCS studies. The range of intensities for sedentary behaviors in Table 1 and the Appendix indicates a broader range of MET values than the conceptual definition above because of the variation in these values within the compendium for the same behavior (e.g., sitting and driving for transportation [2.0 METS] and sitting and driving at work [1.5 METS]).

In applying MET values to specific questions, some consideration was made for the most likely level of intensity in the context of the specific activity patterns being evaluated. For example, strenuous/vigorous activity done at home or work was given a MET value of 6.0 because such activities would be more likely to be done for longer durations and at slightly lower intensity levels. In contrast, vigorous sports/exercise was

given a MET weighting of 8.0 because these behaviors are often done at higher intensities, but for short duration. The MET values applied to the specific questions are described in Table 2.

**Table 2.** MET values applied to specific SCCS baseline questions

Question	MET value	
Walking		
Slow	2.5	
Fast	3.5	
Household/Occupational work		
Light	2.3	
Moderate	4.0	
Vigorous	6.0	
Sports/exercise		
Moderate	5.0	
Vigorous	8.0	

### Translation of MET-hrs/d into meaningful information

One MET is conceptually equivalent to the energy cost of resting metabolism, and multiples of this value (METS) are used to index the intensity of the specific activities. MET-hrs reflect the weighted average of the intensity (MET) and duration (hrs) of activity behaviors, and therefore describe the behavioral characteristics that lead to energy expenditure. In terms of caloric expenditure, 1 MET-hr is roughly equal to 1 kcal/kg/hr, for a person with a resting energy expenditure of about 60 kcal/hr or weighing 60 kg (Matthews, 2002). One MET-hr is also roughly equivalent to the energy expenditure associated with walking very briskly (4 METS) for 15 minutes (0.25 hrs). In certain applications, MET-hrs is a preferable index of energy expenditure because the units are independent of body weight (e.g., kcals/kg/d). In contrast, estimates of absolute expenditure (e.g., kcals/d) are dependent on body size. To estimate absolute energy expenditure values (kcal/d) using MET-hrs/d summary variables, the MET-hr/d value should be multiplied by an estimate of resting energy expenditure (kcal/hr) (Ainsworth, 1993).

#### References

Ainsworth B, Haskell W, Leon A et al. Compendium of physical activities: classification of energy costs of human physical activities. Med Sci Sports Exerc. 1993;25:71-80.

Ainsworth B, Haskell W, Whitt M et al. Compendium of Physical Activities: An Update of Activity Codes and MET Intensities. Med Sci Sports Exerc. 2000;32:S498-S516.

Dietz WH. The role of lifestyle in health: the epidemiology and consequences of inactivity. Proc Nutr Soc. 1996;55:829-40.

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Owen N, Leslie E, Salmon J et al. Environmental determinants of physical activity and sedentary behavior. Exerc Sport Sci Rev. 2000;28:153-8.

**Appendix Table 1.** Relevant activities from the Compendium for the major SCCS Physical Activity Questionnaire items

SCCS Item	Activity Code	MET value	Major Heading	Description
Sleeping	07030	0.9	inactivity quiet	sleeping
Sitting	0,000	0.5	macriffy quiet	Jieeping .
Car (riding)	16015	1.0	transportation	riding in a car or truck
Car (driving)	16010	2.0	transportation	automobile or light truck (not a semi) driving
Work	11580	1.5	occupation	sitting - light office work, general (chemistry
				lab work, light use of hand tools, watch repair
				or micro-assembly, light assembly/repair),
				sitting, reading, driving at work
	11585	1.5	occupation	sitting meetings, general, and/or with talking
				involved, eating at a business meeting
Watching TV (lying)	07010	1.0	inactivity quiet	lying quietly and watching television
Watching TV (sitting)	07020	1.0	inactivity quiet	sitting quietly and watching television
Home computer	09040	1.8	miscellaneous	sitting - writing, desk work, typing
Computer at work	11770	1.5	occupation	typing, electric, manual or computer
Other (meals)	13030	1.5	self care	eating (sitting)
Other (phone)	09055	1.5	miscellaneous	sitting - talking or talking on the phone
Other (reading)	09030	1.3	miscellaneous	sitting - reading, book, newspaper, etc.
Other (play cards)	09010	1.5	miscellaneous	sitting - card playing, playing board games
Other (sewing)	05080	1.5	home activities	sitting - knitting, sewing, lt. wrapping
				(presents)
Walking				
Slow	17151	2.0	walking	walking, less than 2.0 mph, level ground,
				strolling, very slow
	17152	2.5	walking	walking, 2.0 mph, level, slow pace, firm
				surface
	17165	3.0	walking	walking the dog
	17150	2.0	walking	walking, household
	11791	2.0	occupation	walking on job, less than 2.0 mph (in office or lab area), very slow
	11795	3.0	occupation	walking, 2.5 mph, slowly and carrying light
				objects less than 25 pounds
Fast	17250	3.5	walking	walking, for pleasure, work break
	17160	3.5	walking	walking for pleasure (Taylor Code 010)
	17190	3.3	walking	walking, 3.0 mph, level, moderate pace, firm surface
	17200	3.8	walking	walking, 3.5 mph, level, brisk, firm surface, walking for exercise
	17130	8.0	walking	up stairs, using or climbing up ladder (Taylor Code 030)
Household/occupation				- code 030j
Light work	11600	2.3	occupation	standing; light (bartending, store clerk,
	11000		Josephion	assembling, filing, duplicating, putting up a
				Christmas tree), standing and talking at work,
				changing clothes when teaching physical
				education
	11610	3.0	occupation	standing; light/moderate (assemble/repair
				heavy parts, welding, stocking, auto repair,

	Activity	MET		
SCCS Item	Code	value	Major Heading	Description
				pack boxes for moving, etc.), patient care (as in nursing)
	05060	2.3	home activities	food shopping with or without a grocery cart, standing or walking
	05065	2.3	home activities	non-food shopping, standing or walking
	05051	2.5	home activities	serving food, setting table - implied walking or standing
	05052	2.5	home activities	cooking or food preparation - walking
	05185	2.5	home activities	child care: sitting/kneeling - dressing, bathing, grooming, feeding, occasional lifting of child-light effort, general
	05186	3.0	home activities	child care: standing - dressing, bathing, grooming, feeding, occasional lifting of child- light effort
	05187	4.0	home activities	elder care, disabled adult, only active periods
Moderate work	11610	3.0	occupation	standing; light/moderate (assemble/repair heavy parts, welding, stocking, auto repair, pack boxes for moving, etc.), patient care (as in nursing)
	11615	4.0	occupation	lifting items continuously, 10 – 20 lbs, with limited walking or resting
	11620	3.5	occupation	standing; moderate (assembling at fast rate, intermittent, lifting 50 lbs, hitch/twisting ropes)
	05026	3.5	home activities	multiple household tasks all at once, moderate effort
	05027	4.0	home activities	multiple household tasks all at once, vigorous effort
	05030	3.0	home activities	cleaning, house or cabin, general
	08095	5.5	lawn and garden	mowing lawn, general
	08245	4.0	lawn and garden	gardening, general
	06050	6.0	home repair	carpentry, outside house, installing rain gutters, building a fence, (Taylor Code 640)
	06100	5.0	home repair	cleaning gutters
	06165	4.5	home repair	painting, (Taylor Code 630)
Strenuous work	11766	6.5	occupation	truck driving, loading and unloading truck (standing)
	11050	8.0	occupation	carrying heavy loads, such as bricks
	11060	8.0	occupation	carrying moderate loads up stairs, moving boxes (16-40 pounds)
	11120	5.5	occupation	construction, outside, remodeling
Note, "farming" includes many lower intensity activities (1.5-12 METS)	11140	8.0	occupation	farming, baling hay, cleaning barn, poultry work, vigorous effort
	11200	8.0	occupation	farming, forking straw bales, cleaning corral or barn, vigorous effort
	11780	6.0	occupation	using heavy power tools such as pneumatic tools (jackhammers, drills, etc.)
	11790	8.0	occupation	using heavy tools (not power) such as shovel,

	Activity	MET		
SCCS Item	Code	value	Major Heading	Description
				pick, tunnel bar, spade
	05120	6.0	home activities	moving furniture, household items, carrying
				boxes
Moderate sports				
	15090	3.0	sports	bowling (Taylor Code 390)
	03031	4.5	dancing	ballroom, fast (disco, folk, square), line
				dancing, Irish step dancing, polka, contra,
				country
	03025	4.5	dancing	general, Greek, Middle Eastern, hula,
				flamenco, belly, swing
	15255	4.5	sports	golf, general
	15270	3.0	sports	golf, miniature, driving range
	15290	3.5	sports	golf, using power cart (Taylor Code 070)
	15265	4.5	sports	golf, walking and carrying clubs (See footnote
				at end of the Compendium)
	15285	4.3	sports	golf, walking and pulling clubs (See footnote
				at end of the Compendium)
	15620	5.0	sports	softball or baseball, fast or slow pitch, general
				(Taylor Code 440)
	15630	4.0	sports	softball, officiating
	15640	6.0	sports	softball, pitching
Strenuous sports	12020	7.0	running	jogging, general
	03015	6.5	dancing	aerobic, general
	01015	8.0	bicycling	bicycling, general
	15675	7.0	sports	tennis, general
	18310	6.0	water activities	swimming, leisurely, not lap swimming,
				general
	18240	7.0	water activities	swimming laps, freestyle, slow, moderate or
				light effort
	18230	10.0	water activities	swimming laps, freestyle, fast, vigorous effort
	02050	6.0	conditioning	weight lifting (free weight, nautilus or
			exercise	universal-type), power lifting or body
				building, vigorous effort (Taylor Code 210)
	02130	3.0	conditioning	weight lifting (free, nautilus or universal-
			exercise	type), light or moderate effort, light workout,
				general
	15040	8.0	sports	basketball, game (Taylor Code 490)
	15050	6.0	sports	basketball, non-game, general (Taylor Code
				480)
	15060	7.0	sports	basketball, officiating (Taylor Code 500)
	15070	4.5	sports	basketball, shooting baskets